

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077120.D
 Acq On : 18 Sep 2023 09:51
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Sep 19 03:46:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 03:32:44 2023
 Response via : Initial Calibration

09/19/2023
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	220196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	392526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	363670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	179219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11405	5.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.260%#
35) Dibromofluoromethane	7.798	113	13129	4.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.640%#
50) Toluene-d8	10.269	98	40861	4.210	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.420%#
62) 4-Bromofluorobenzene	12.575	95	13196	4.387	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.780%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12348	5.426	ug/l	96
3) Chloromethane	2.146	50	23504	5.588	ug/l	94
4) Vinyl Chloride	2.281	62	24270	5.394	ug/l	99
5) Bromomethane	2.693	94	19230	5.868	ug/l	98
6) Chloroethane	2.834	64	14190	5.068	ug/l #	86
7) Trichlorofluoromethane	3.175	101	22492	5.530	ug/l	99
8) Diethyl Ether	3.599	74	6867	5.231	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	13120	5.160	ug/l	98
10) Methyl Iodide	4.157	142	15943	4.387	ug/l #	88
11) Tert butyl alcohol	5.034	59	3425m	27.032	ug/l	
12) 1,1-Dichloroethene	3.934	96	13103	5.115	ug/l	93
14) Allyl chloride	4.557	41	14531	4.650	ug/l	94
15) Acrylonitrile	5.252	53	13987	25.412	ug/l	99
16) Acetone	4.016	43	13770	27.112	ug/l	93
17) Carbon Disulfide	4.269	76	43494	5.158	ug/l	95
18) Methyl Acetate	4.557	43	10031	5.223	ug/l #	86
19) Methyl tert-butyl Ether	5.322	73	26645	4.807	ug/l #	90
20) Methylene Chloride	4.799	84	30048	3.231	ug/l #	89
21) trans-1,2-Dichloroethene	5.299	96	15489	5.002	ug/l	84
22) Diisopropyl ether	6.210	45	33331	4.717	ug/l	96
23) Vinyl Acetate	6.157	43	63354m	22.203	ug/l	
24) 1,1-Dichloroethane	6.110	63	26501	5.226	ug/l	98
25) 2-Butanone	7.081	43	17084	25.567	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	21501	4.995	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	17299	4.970	ug/l	93
28) Bromochloromethane	7.434	49	8172	5.248	ug/l	93
29) Tetrahydrofuran	7.451	42	10075	25.792	ug/l #	83
30) Chloroform	7.593	83	27476	5.027	ug/l	99
31) Cyclohexane	7.869	56	20846	5.362	ug/l #	90
32) 1,1,1-Trichloroethane	7.787	97	22770	4.991	ug/l	98
36) 1,1-Dichloropropene	8.004	75	18510	4.508	ug/l	98
37) Ethyl Acetate	7.169	43	8387	5.324	ug/l #	92
38) Carbon Tetrachloride	7.987	117	17726	4.392	ug/l	89
39) Methylcyclohexane	9.275	83	20157	4.267	ug/l	93
40) Benzene	8.246	78	59182	4.659	ug/l	93
41) Methacrylonitrile	7.404	41	3524m	4.191	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077120.D
 Acq On : 18 Sep 2023 09:51
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

09/19/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 19 03:46:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 03:32:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	15283	4.852	ug/l	97
43) Isopropyl Acetate	8.363	43	13960	4.813	ug/l #	55
44) Trichloroethene	9.028	130	17283	4.915	ug/l	95
45) 1,2-Dichloropropane	9.304	63	14887	4.825	ug/l #	87
46) Dibromomethane	9.398	93	8658	4.829	ug/l	97
47) Bromodichloromethane	9.581	83	21299	4.916	ug/l #	93
48) Methyl methacrylate	9.381	41	5209m	3.947	ug/l	
49) 1,4-Dioxane	9.393	88	1295	80.013	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	36826	24.277	ug/l	88
52) Toluene	10.334	92	35611	4.382	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	18239	4.506	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	21478	4.429	ug/l #	93
55) 1,1,2-Trichloroethane	10.740	97	12058	4.944	ug/l	90
56) Ethyl methacrylate	10.598	69	10931	4.172	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	18632	4.719	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.863	63	17155	38.323	ug/l	96
59) 2-Hexanone	10.922	43	26661	24.496	ug/l	84
60) Dibromochloromethane	11.075	129	14258	4.773	ug/l	95
61) 1,2-Dibromoethane	11.181	107	11433	4.849	ug/l	96
64) Tetrachloroethene	10.810	164	13519	4.778	ug/l	94
65) Chlorobenzene	11.610	112	41748	4.880	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	15001	4.793	ug/l	97
67) Ethyl Benzene	11.687	91	63635	4.327	ug/l	98
68) m/p-Xylenes	11.792	106	50612	8.596	ug/l	94
69) o-Xylene	12.116	106	22812	4.221	ug/l	93
70) Styrene	12.139	104	36637	3.979	ug/l	93
71) Bromoform	12.304	173	8913	5.137	ug/l #	100
73) Isopropylbenzene	12.422	105	58780	4.439	ug/l	96
74) N-amyl acetate	12.234	43	11043	4.439	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	13827	5.533	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	7279m	4.920	ug/l	
77) Bromobenzene	12.704	156	15611	4.734	ug/l	94
78) n-propylbenzene	12.763	91	70304	4.343	ug/l	96
79) 2-Chlorotoluene	12.851	91	41160	4.611	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	46491	4.204	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	3435	4.548	ug/l #	85
82) 4-Chlorotoluene	12.951	91	41424	4.416	ug/l	97
83) tert-Butylbenzene	13.169	119	40366	4.272	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	47636	4.248	ug/l	93
85) sec-Butylbenzene	13.345	105	60534	4.269	ug/l	98
86) p-Isopropyltoluene	13.463	119	48288	4.015	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	32856	4.845	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	32535	4.876	ug/l	93
89) n-Butylbenzene	13.792	91	46897	4.227	ug/l	97
90) Hexachloroethane	14.057	117	11501	4.821	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	28680	4.933	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1657	4.966	ug/l	87
93) 1,2,4-Trichlorobenzene	15.104	180	15891	4.430	ug/l	97
94) Hexachlorobutadiene	15.204	225	9200	4.840	ug/l	98
95) Naphthalene	15.339	128	29875	4.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	15145	4.750	ug/l	95

09/19/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077120.D
Acq On : 18 Sep 2023 09:51
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 03:46:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 03:32:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

09/19/2023
Supervised By :Mahesh
Dadoda

09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

