

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075610.D
 Acq On : 10 Apr 2023 16:28
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 11 18:26:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:25:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	359533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	324743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10631	6.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	13.120%#
35) Dibromofluoromethane	7.805	113	11973	5.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.360%#
50) Toluene-d8	10.269	98	42550	5.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.300%#
62) 4-Bromofluorobenzene	12.569	95	11893	3.099	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	6.200%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	8979	6.435	ug/l	82
4) Vinyl Chloride	2.287	62	21880	6.441	ug/l	95
5) Bromomethane	2.699	94	18574	6.867	ug/l	98
6) Chloroethane	2.834	64	15646	6.566	ug/l	97
7) Trichlorofluoromethane	3.175	101	18448	6.366	ug/l	94
8) Diethyl Ether	3.587	74	4673	5.221	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.970	101	11668	6.117	ug/l	97
10) Methyl Iodide	4.164	142	9720	4.262	ug/l	93
11) Tert butyl alcohol	5.028	59	1089	Below Cal	#	100
12) 1,1-Dichloroethene	3.940	96	10358	5.658	ug/l #	82
13) Acrolein	3.799	56	3778	8.746	ug/l	98
14) Allyl chloride	4.564	41	8878	5.373	ug/l #	86
15) Acrylonitrile	5.252	53	8907	25.970	ug/l	95
16) Acetone	4.023	43	8455	28.639	ug/l #	67
17) Carbon Disulfide	4.270	76	33898	7.154	ug/l	100
18) Methyl Acetate	4.558	43	5471	6.140	ug/l #	79
19) Methyl tert-butyl Ether	5.322	73	18631	4.815	ug/l	92
20) Methylene Chloride	4.805	84	26288	1.450	ug/l #	65
21) trans-1,2-Dichloroethene	5.305	96	11246	5.204	ug/l #	77
22) Diisopropyl ether	6.211	45	18243	4.501	ug/l #	79
23) Vinyl Acetate	6.164	43	45358	23.843	ug/l #	82
24) 1,1-Dichloroethane	6.105	63	18699	5.587	ug/l	96
25) 2-Butanone	7.081	43	10870	28.371	ug/l #	62
26) 2,2-Dichloropropane	7.069	77	18822	6.130	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	12969	5.097	ug/l	86
28) Bromochloromethane	7.422	49	6847	5.987	ug/l #	67
29) Tetrahydrofuran	7.446	42	5563	27.419	ug/l #	57
30) Chloroform	7.593	83	21471	5.639	ug/l	100
31) Cyclohexane	7.869	56	15456	6.557	ug/l #	48
32) 1,1,1-Trichloroethane	7.793	97	17334	5.470	ug/l	96
36) 1,1-Dichloropropene	8.005	75	15288	5.681	ug/l	96
37) Ethyl Acetate	7.164	43	4581	5.662	ug/l #	85
38) Carbon Tetrachloride	7.993	117	14363	5.566	ug/l	92
39) Methylcyclohexane	9.275	83	16059	5.012	ug/l #	85
40) Benzene	8.246	78	47670	5.498	ug/l	100
41) Methacrylonitrile	7.399	41	1989	4.489	ug/l #	54

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075610.D
 Acq On : 10 Apr 2023 16:28
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 11 18:26:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:25:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	11920	5.916	ug/l	93
43) Isopropyl Acetate	8.358	43	8295	5.371	ug/l #	73
44) Trichloroethene	9.022	130	13338	5.252	ug/l	87
45) 1,2-Dichloropropane	9.305	63	10099	4.993	ug/l	97
46) Dibromomethane	9.399	93	7220	5.749	ug/l	96
47) Bromodichloromethane	9.581	83	16141	5.314	ug/l	92
48) Methyl methacrylate	9.375	41	3117	4.453	ug/l #	65
49) 1,4-Dioxane	9.387	88	1260	110.673	ug/l #	43
51) 4-Methyl-2-Pentanone	10.157	43	19265	23.171	ug/l #	84
52) Toluene	10.334	92	25997	4.439	ug/l	90
53) t-1,3-Dichloropropene	10.557	75	13239	4.809	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	16496	4.928	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	9440	5.097	ug/l	96
56) Ethyl methacrylate	10.599	69	7579	4.246	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	13015	4.667	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	18363	21.276	ug/l #	85
59) 2-Hexanone	10.922	43	13462	22.984	ug/l	75
60) Dibromochloromethane	11.075	129	10947	4.950	ug/l	99
61) 1,2-Dibromoethane	11.181	107	8679	4.903	ug/l	95
64) Tetrachloroethene	10.810	164	10512	5.382	ug/l	91
65) Chlorobenzene	11.610	112	31491	4.996	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	11313	5.075	ug/l	94
67) Ethyl Benzene	11.687	91	47539	4.571	ug/l	96
68) m/p-Xylenes	11.793	106	37726	8.807	ug/l	93
69) o-Xylene	12.122	106	16808	5.147	ug/l	92
70) Styrene	12.140	104	28138	4.542	ug/l	93
71) Bromoform	12.299	173	6043	5.245	ug/l #	95
73) Isopropylbenzene	12.422	105	41495	4.665	ug/l	100
74) N-amyl acetate	12.234	43	6112	4.900	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.675	83	10696	6.429	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	10908	9.724	ug/l #	100
77) Bromobenzene	12.698	156	11298	5.032	ug/l	92
78) n-propylbenzene	12.763	91	52529	4.912	ug/l	99
79) 2-Chlorotoluene	12.851	91	30025	5.076	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	32140	4.412	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	2488	5.083	ug/l #	74
82) 4-Chlorotoluene	12.951	91	31173	5.081	ug/l	91
83) tert-Butylbenzene	13.169	119	28720	4.541	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	33254	4.521	ug/l	94
85) sec-Butylbenzene	13.346	105	45384	4.696	ug/l	100
86) p-Isopropyltoluene	13.463	119	35237	4.337	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	23284	4.967	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	25099	5.413	ug/l	97
89) n-Butylbenzene	13.787	91	35320	4.781	ug/l	98
90) Hexachloroethane	14.057	117	9032	5.877	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	21158	5.236	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1154	5.545	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	11159	5.207	ug/l	98
94) Hexachlorobutadiene	15.204	225	5802	5.715	ug/l	96
95) Naphthalene	15.334	128	19219	4.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	9278	4.886	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
Data File : VD075610.D
Acq On : 10 Apr 2023 16:28
Operator : KP/SY
Sample : VSTDICC005
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Apr 11 18:26:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 18:25:32 2023
Response via : Initial Calibration

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

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

Quant Time: Apr 11 18:26:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 18:25:32 2023
Response via : Initial Calibration

