

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078898.D
 Acq On : 10 May 2024 16:47
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

Quant Time: May 11 05:01:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105891	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	22075	18.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.060%#
35) Dibromofluoromethane	7.811	113	25683	17.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	35.680%#
50) Toluene-d8	10.269	98	98495	18.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	36.380%#
62) 4-Bromofluorobenzene	12.569	95	27694	18.108	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.220%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	25999	19.568	ug/l	99
3) Chloromethane	2.152	50	39637	20.249	ug/l	96
4) Vinyl Chloride	2.287	62	60678	20.454	ug/l	97
5) Bromomethane	2.681	94	56422	19.689	ug/l	95
6) Chloroethane	2.834	64	52404	21.406	ug/l	98
7) Trichlorofluoromethane	3.176	101	61332	22.318	ug/l	99
8) Diethyl Ether	3.593	74	15118	21.383	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.970	101	29132	19.038	ug/l	94
10) Methyl Iodide	4.170	142	33077	18.130	ug/l	94
11) Tert butyl alcohol	5.070	59	6235	100.969	ug/l	95
12) 1,1-Dichloroethene	3.946	96	28210	18.709	ug/l	99
13) Acrolein	3.799	56	11789	84.885	ug/l	99
14) Allyl chloride	4.564	41	27467	19.676	ug/l	96
15) Acrylonitrile	5.258	53	25451	102.930	ug/l	98
16) Acetone	4.028	43	18552	79.231	ug/l #	86
17) Carbon Disulfide	4.270	76	94594	19.122	ug/l	98
18) Methyl Acetate	4.570	43	8802	19.478	ug/l	91
19) Methyl tert-butyl Ether	5.311	73	52935	19.761	ug/l	98
20) Methylene Chloride	4.805	84	50582	21.894	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	31710	20.352	ug/l	86
22) Diisopropyl ether	6.222	45	63017	20.649	ug/l	98
23) Vinyl Acetate	6.158	43	184112	100.197	ug/l	99
24) 1,1-Dichloroethane	6.117	63	49546	20.922	ug/l	97
25) 2-Butanone	7.081	43	26169	91.254	ug/l	90
26) 2,2-Dichloropropane	7.087	77	41888	19.563	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	36541	20.249	ug/l	96
28) Bromochloromethane	7.422	49	17642	21.349	ug/l	94
29) Tetrahydrofuran	7.452	42	16461	103.185	ug/l	95
30) Chloroform	7.599	83	55463	20.486	ug/l	90
31) Cyclohexane	7.881	56	38769	19.919	ug/l #	84
32) 1,1,1-Trichloroethane	7.793	97	47651	20.009	ug/l	98
36) 1,1-Dichloropropene	8.011	75	37190	19.230	ug/l	99
37) Ethyl Acetate	7.175	43	12132	19.011	ug/l	99
38) Carbon Tetrachloride	7.987	117	44550	19.617	ug/l	97
39) Methylcyclohexane	9.275	83	46516	18.762	ug/l	90
40) Benzene	8.252	78	120710	19.356	ug/l	100

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 Supervised By :Semsettin Yesilyurt 05/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.422	41	7321m	20.696	ug/l	
42) 1,2-Dichloroethane	8.334	62	28529	19.628	ug/l	97
43) Isopropyl Acetate	8.363	43	22723	19.171	ug/l #	84
44) Trichloroethene	9.028	130	31439	18.915	ug/l	84
45) 1,2-Dichloropropane	9.305	63	26455	19.257	ug/l #	89
46) Dibromomethane	9.393	93	16849	19.326	ug/l	98
47) Bromodichloromethane	9.581	83	41244	19.117	ug/l	89
48) Methyl methacrylate	9.381	41	10542	19.161	ug/l	96
49) 1,4-Dioxane	9.387	88	3408	405.728	ug/l #	58
51) 4-Methyl-2-Pentanone	10.158	43	57928	95.209	ug/l	98
52) Toluene	10.334	92	79165	19.567	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	35015	19.155	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	40969	18.666	ug/l	92
55) 1,1,2-Trichloroethane	10.728	97	23348	20.058	ug/l #	83
56) Ethyl methacrylate	10.599	69	22498	18.688	ug/l	96
57) 1,3-Dichloropropane	10.875	76	34847	19.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	46072	96.534	ug/l	98
59) 2-Hexanone	10.922	43	40764	90.944	ug/l	97
60) Dibromochloromethane	11.075	129	30329	19.320	ug/l	96
61) 1,2-Dibromoethane	11.181	107	21228	19.497	ug/l	98
64) Tetrachloroethene	10.810	164	26984	18.895	ug/l	95
65) Chlorobenzene	11.604	112	89324	19.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	31051	19.490	ug/l	96
67) Ethyl Benzene	11.681	91	138280	18.781	ug/l	99
68) m/p-Xylenes	11.793	106	117261	38.723	ug/l	98
69) o-Xylene	12.122	106	51451	18.796	ug/l	99
70) Styrene	12.134	104	93456	19.255	ug/l	97
71) Bromoform	12.299	173	17028	19.837	ug/l #	97
73) Isopropylbenzene	12.422	105	130267	19.113	ug/l	98
74) N-amyl acetate	12.234	43	20453	19.124	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	24016	20.277	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	15448m	18.744	ug/l	
77) Bromobenzene	12.699	156	34158	19.651	ug/l	99
78) n-propylbenzene	12.763	91	160620	19.571	ug/l	99
79) 2-Chlorotoluene	12.851	91	88806	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	111448	19.640	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7645	19.012	ug/l	86
82) 4-Chlorotoluene	12.946	91	95596	19.536	ug/l	100
83) tert-Butylbenzene	13.163	119	97285	19.271	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	111669	19.510	ug/l	98
85) sec-Butylbenzene	13.346	105	142671	19.122	ug/l	100
86) p-Isopropyltoluene	13.457	119	122496	18.915	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	69631	19.034	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	70576	19.395	ug/l	98
89) n-Butylbenzene	13.787	91	111966	19.576	ug/l	97
90) Hexachloroethane	14.051	117	25067	19.088	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	60357	19.313	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3364	20.616	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	34678	19.040	ug/l	94
94) Hexachlorobutadiene	15.198	225	18059	18.386	ug/l	98
95) Naphthalene	15.334	128	58758	18.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30435	19.157	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat May 11 04:52:10 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

