

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079410.D
 Acq On : 26 Jul 2024 16:20
 Operator : RP/MD
 Sample : VD0726SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0726SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/29/2024
 Supervised By :Semsettin Yesilyurt 07/29/2024

Quant Time: Jul 27 03:33:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	195088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100649	53.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.520%			
35) Dibromofluoromethane	7.804	113	113453	51.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.500%			
50) Toluene-d8	10.269	98	424584	49.793	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.580%			
62) 4-Bromofluorobenzene	12.569	95	128674	48.245	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22771	13.384	ug/l	96
3) Chloromethane	2.146	50	14260	17.087	ug/l	91
4) Vinyl Chloride	2.275	62	11820	17.096	ug/l	90
5) Bromomethane	2.681	94	13975	19.597	ug/l	100
6) Chloroethane	2.828	64	11225	24.627	ug/l	99
7) Trichlorofluoromethane	3.169	101	66978	18.149	ug/l	99
8) Diethyl Ether	3.587	74	21652	20.926	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	43145	17.083	ug/l	96
10) Methyl Iodide	4.158	142	44363	15.722	ug/l	95
11) Tert butyl alcohol	5.075	59	10728	95.907	ug/l #	79
12) 1,1-Dichloroethene	3.934	96	40738	17.644	ug/l	88
13) Acrolein	3.799	56	16900	98.650	ug/l	99
14) Allyl chloride	4.558	41	50577	19.928	ug/l	89
15) Acrylonitrile	5.252	53	47447	102.088	ug/l	98
16) Acetone	4.022	43	36547	106.827	ug/l	97
17) Carbon Disulfide	4.269	76	131426	17.071	ug/l	100
18) Methyl Acetate	4.558	43	23789	21.544	ug/l	88
19) Methyl tert-butyl Ether	5.310	73	88215	19.297	ug/l	95
20) Methylene Chloride	4.793	84	71739	17.728	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	47593	18.236	ug/l	89
22) Diisopropyl ether	6.216	45	125237	21.113	ug/l #	95
23) Vinyl Acetate	6.152	43	445641	100.660	ug/l	94
24) 1,1-Dichloroethane	6.104	63	81725	19.056	ug/l	97
25) 2-Butanone	7.087	43	51234	97.869	ug/l	89
26) 2,2-Dichloropropane	7.069	77	67179	18.124	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	55762	18.534	ug/l	89
28) Bromochloromethane	7.422	49	36978	20.615	ug/l	80
29) Tetrahydrofuran	7.451	42	32211	96.574	ug/l	90
30) Chloroform	7.593	83	90204	18.244	ug/l	98
31) Cyclohexane	7.875	56	62325	16.790	ug/l	89
32) 1,1,1-Trichloroethane	7.787	97	76426	18.437	ug/l	98
36) 1,1-Dichloropropene	8.004	75	60755	17.355	ug/l	95
37) Ethyl Acetate	7.169	43	23481	18.175	ug/l	95
38) Carbon Tetrachloride	7.993	117	64986	16.917	ug/l	96
39) Methylcyclohexane	9.269	83	66071	15.864	ug/l	91
40) Benzene	8.251	78	197161	18.034	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11636m	17.531	ug/l	
42) 1,2-Dichloroethane	8.322	62	49427	18.459	ug/l	95
43) Isopropyl Acetate	8.363	43	46029	18.900	ug/l	95
44) Trichloroethene	9.022	130	46615	17.755	ug/l	92
45) 1,2-Dichloropropane	9.304	63	47097	17.445	ug/l	96
46) Dibromomethane	9.398	93	27826	17.952	ug/l	90
47) Bromodichloromethane	9.581	83	69591	18.272	ug/l	98
48) Methyl methacrylate	9.381	41	18996	16.652	ug/l	89
49) 1,4-Dioxane	9.381	88	5184	337.860	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	120242	90.637	ug/l	95
52) Toluene	10.334	92	124349	18.562	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	59813	18.081	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	73133	18.215	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	38021	18.672	ug/l	94
56) Ethyl methacrylate	10.592	69	41091	18.065	ug/l	96
57) 1,3-Dichloropropane	10.875	76	60879	17.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	84979	88.418	ug/l	93
59) 2-Hexanone	10.922	43	82686	90.714	ug/l	97
60) Dibromochloromethane	11.069	129	46195	17.722	ug/l	98
61) 1,2-Dibromoethane	11.175	107	34092	17.473	ug/l	96
64) Tetrachloroethene	10.804	164	39188	17.829	ug/l #	89
65) Chlorobenzene	11.604	112	138111	18.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	45570	17.878	ug/l	97
67) Ethyl Benzene	11.681	91	222278	18.050	ug/l	99
68) m/p-Xylenes	11.792	106	179010	36.771	ug/l	88
69) o-Xylene	12.116	106	80035	18.422	ug/l	88
70) Styrene	12.134	104	141815	18.156	ug/l	94
71) Bromoform	12.298	173	26008	19.117	ug/l #	97
73) Isopropylbenzene	12.416	105	200856	17.439	ug/l	99
74) N-amyl acetate	12.228	43	42841	17.646	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	43123	17.958	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	29945m	17.385	ug/l	
77) Bromobenzene	12.698	156	49723	18.483	ug/l	83
78) n-propylbenzene	12.757	91	266468	18.041	ug/l	95
79) 2-Chlorotoluene	12.845	91	149801	17.850	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	178292	17.996	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	14113	17.576	ug/l	97
82) 4-Chlorotoluene	12.945	91	160953	18.350	ug/l	93
83) tert-Butylbenzene	13.163	119	141247	17.404	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	181796	18.374	ug/l	95
85) sec-Butylbenzene	13.339	105	228124	17.826	ug/l	96
86) p-Isopropyltoluene	13.457	119	185726	17.896	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	105412	18.647	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	103849	18.333	ug/l	94
89) n-Butylbenzene	13.786	91	182765	18.205	ug/l	97
90) Hexachloroethane	14.051	117	41498	17.826	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	90404	18.286	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5848	18.893	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	48166	18.642	ug/l	97
94) Hexachlorobutadiene	15.198	225	27970	18.076	ug/l	95
95) Naphthalene	15.328	128	90523	18.029	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	43384	18.634	ug/l	97

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

