

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101524\
 Data File : VD079982.D
 Acq On : 15 Oct 2024 12:55
 Operator : RP/MD
 Sample : VD1015SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 01:26:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	222912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89117	55.286	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.580%			
35) Dibromofluoromethane	7.805	113	91762	57.034	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.060%			
50) Toluene-d8	10.269	98	316604	55.221	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.440%			
62) 4-Bromofluorobenzene	12.569	95	110838	55.379	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27827	19.980	ug/l	97
3) Chloromethane	2.146	50	22853	15.976	ug/l	97
4) Vinyl Chloride	2.281	62	30110	16.930	ug/l	98
5) Bromomethane	2.681	94	26744	17.479	ug/l	97
6) Chloroethane	2.834	64	22562	18.582	ug/l	98
7) Trichlorofluoromethane	3.170	101	59806	21.463	ug/l	97
8) Diethyl Ether	3.587	74	14896	19.461	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	34684	20.266	ug/l	97
10) Methyl Iodide	4.164	142	33017	19.674	ug/l	99
11) Tert butyl alcohol	5.052	59	11573	117.383	ug/l	100
12) 1,1-Dichloroethene	3.940	96	29204	19.182	ug/l	97
13) Acrolein	3.799	56	12090	114.369	ug/l	97
14) Allyl chloride	4.558	41	44639	19.739	ug/l	99
15) Acrylonitrile	5.258	53	38517	105.315	ug/l	98
16) Acetone	4.022	43	46441	111.151	ug/l	96
17) Carbon Disulfide	4.270	76	72581	17.102	ug/l	96
18) Methyl Acetate	4.570	43	18974	21.155	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	71942	20.459	ug/l	96
20) Methylene Chloride	4.805	84	42972	22.096	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	31924	19.527	ug/l	98
22) Diisopropyl ether	6.216	45	105189	21.448	ug/l	98
23) Vinyl Acetate	6.158	43	277218	100.602	ug/l	99
24) 1,1-Dichloroethane	6.111	63	67225	20.805	ug/l	96
25) 2-Butanone	7.081	43	52986	104.145	ug/l	96
26) 2,2-Dichloropropane	7.075	77	59033	21.116	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	39807	19.580	ug/l	95
28) Bromochloromethane	7.422	49	29525	21.409	ug/l	100
29) Tetrahydrofuran	7.446	42	27877	102.452	ug/l	97
30) Chloroform	7.593	83	73049	21.342	ug/l	100
31) Cyclohexane	7.875	56	45929	18.751	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	61138	21.563	ug/l	99
36) 1,1-Dichloropropene	8.011	75	45021	20.878	ug/l	98
37) Ethyl Acetate	7.169	43	23332	22.350	ug/l	96
38) Carbon Tetrachloride	7.993	117	50712	21.163	ug/l	94
39) Methylcyclohexane	9.269	83	43860	18.125	ug/l	93
40) Benzene	8.246	78	139440	20.448	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11259	20.536	ug/l	99
42) 1,2-Dichloroethane	8.322	62	40722	21.715	ug/l	98
43) Isopropyl Acetate	8.363	43	39945	20.769	ug/l	99
44) Trichloroethene	9.028	130	34499	20.451	ug/l	97
45) 1,2-Dichloropropane	9.305	63	36111	20.883	ug/l	99
46) Dibromomethane	9.393	93	20568	21.558	ug/l	97
47) Bromodichloromethane	9.581	83	55035	21.750	ug/l #	96
48) Methyl methacrylate	9.375	41	15491	17.881	ug/l #	86
49) 1,4-Dioxane	9.387	88	4641	442.683	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	104133	105.829	ug/l	98
52) Toluene	10.334	92	89117	21.345	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	46342	20.914	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	55807	21.344	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	29381	21.923	ug/l	95
56) Ethyl methacrylate	10.593	69	32825	20.965	ug/l	99
57) 1,3-Dichloropropane	10.875	76	46731	21.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	61844	106.747	ug/l	99
59) 2-Hexanone	10.922	43	79239	108.730	ug/l	100
60) Dibromochloromethane	11.075	129	37317	21.431	ug/l	99
61) 1,2-Dibromoethane	11.175	107	27672	22.435	ug/l	96
64) Tetrachloroethene	10.804	164	30725	20.866	ug/l	97
65) Chlorobenzene	11.604	112	100782	20.743	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	37730	21.616	ug/l	97
67) Ethyl Benzene	11.681	91	164942	20.072	ug/l	97
68) m/p-Xylenes	11.793	106	128273	40.674	ug/l	99
69) o-Xylene	12.122	106	57922	19.851	ug/l	100
70) Styrene	12.134	104	107655	20.733	ug/l	100
71) Bromoform	12.299	173	22149	21.101	ug/l #	99
73) Isopropylbenzene	12.422	105	158240	19.829	ug/l	99
74) N-amyl acetate	12.234	43	38124	19.753	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	34529	21.340	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	26863m	20.757	ug/l	
77) Bromobenzene	12.698	156	41564	20.132	ug/l	96
78) n-propylbenzene	12.763	91	202553	20.416	ug/l	99
79) 2-Chlorotoluene	12.846	91	118118	20.492	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	136529	20.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	12610	21.744	ug/l	91
82) 4-Chlorotoluene	12.946	91	129655	20.937	ug/l	100
83) tert-Butylbenzene	13.163	119	120253	20.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	142471	21.094	ug/l	98
85) sec-Butylbenzene	13.346	105	180649	20.390	ug/l	100
86) p-Isopropyltoluene	13.457	119	150408	20.350	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	86987	20.594	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	90614	21.471	ug/l	96
89) n-Butylbenzene	13.787	91	140856	19.704	ug/l	100
90) Hexachloroethane	14.051	117	33076	20.245	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	79171	21.456	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5380	19.914	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	47724	20.638	ug/l	96
94) Hexachlorobutadiene	15.204	225	25485	20.014	ug/l	98
95) Naphthalene	15.328	128	80645	19.555	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	41284	20.145	ug/l	99

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

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