

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079699.D
 Acq On : 09 Aug 2024 17:59
 Operator : RP/MD
 Sample : VD0809SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS02

Quant Time: Aug 10 02:13:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	324062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	296140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99962	58.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	116.740%		
35) Dibromofluoromethane	7.805	113	100739	45.928	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.860%		
50) Toluene-d8	10.269	98	386317	45.354	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.700%		
62) 4-Bromofluorobenzene	12.569	95	118267	47.981	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22802	17.264	ug/l	97
3) Chloromethane	2.146	50	47692	19.597	ug/l	92
4) Vinyl Chloride	2.276	62	54506	18.837	ug/l	95
5) Bromomethane	2.676	94	40552	20.658	ug/l	95
6) Chloroethane	2.828	64	42083	22.633	ug/l	98
7) Trichlorofluoromethane	3.164	101	56436	19.612	ug/l	96
8) Diethyl Ether	3.587	74	19634	22.587	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.952	101	35998	19.779	ug/l	95
10) Methyl Iodide	4.152	142	29798	14.893	ug/l	91
11) Tert butyl alcohol	5.069	59	12798	167.308	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	33072	18.158	ug/l	92
13) Acrolein	3.793	56	12176	91.558	ug/l	94
14) Allyl chloride	4.558	41	48514	20.172	ug/l #	87
15) Acrylonitrile	5.252	53	52387	128.973	ug/l	95
16) Acetone	4.028	43	38161	114.664	ug/l #	84
17) Carbon Disulfide	4.264	76	89400	14.870	ug/l	97
18) Methyl Acetate	4.558	43	25397	24.579	ug/l	88
19) Methyl tert-butyl Ether	5.322	73	83936	22.577	ug/l	93
20) Methylene Chloride	4.793	84	72832	21.767	ug/l #	82
21) trans-1,2-Dichloroethene	5.305	96	38363	18.750	ug/l #	82
22) Diisopropyl ether	6.222	45	127773	23.877	ug/l #	94
23) Vinyl Acetate	6.152	43	466208	115.896	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	77733	21.676	ug/l	95
25) 2-Butanone	7.081	43	59460	126.021	ug/l	91
26) 2,2-Dichloropropane	7.075	77	58412	20.138	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	48623	20.790	ug/l	86
28) Bromochloromethane	7.422	49	38206	24.296	ug/l #	67
29) Tetrahydrofuran	7.446	42	35033	119.810	ug/l #	83
30) Chloroform	7.593	83	82851	22.814	ug/l	99
31) Cyclohexane	7.875	56	50734	17.838	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	64986	21.686	ug/l	99
36) 1,1-Dichloropropene	8.005	75	49802	16.635	ug/l	96
37) Ethyl Acetate	7.164	43	27360	22.290	ug/l	98
38) Carbon Tetrachloride	7.987	117	55246	17.554	ug/l	97
39) Methylcyclohexane	9.269	83	53229	14.902	ug/l	91
40) Benzene	8.246	78	174390	18.340	ug/l	95

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41) Methacrylonitrile	7.393	41	16536	24.492	ug/l #	79
42) 1,2-Dichloroethane	8.322	62	46183	20.382	ug/l	98
43) Isopropyl Acetate	8.363	43	51591	22.364	ug/l #	92
44) Trichloroethene	9.028	130	39120	16.527	ug/l	90
45) 1,2-Dichloropropane	9.305	63	46222	19.975	ug/l	97
46) Dibromomethane	9.393	93	26386	20.569	ug/l #	86
47) Bromodichloromethane	9.581	83	63098	20.032	ug/l	97
48) Methyl methacrylate	9.381	41	20293	19.656	ug/l	88
49) 1,4-Dioxane	9.387	88	5631	423.620	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	138383	117.495	ug/l	93
52) Toluene	10.334	92	109630	18.642	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	56273	19.345	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	66280	18.943	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	34702	20.535	ug/l	94
56) Ethyl methacrylate	10.599	69	40991	20.472	ug/l	88
57) 1,3-Dichloropropane	10.875	76	58801	20.477	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	81589	88.357	ug/l	92
59) 2-Hexanone	10.922	43	96035	116.915	ug/l	94
60) Dibromochloromethane	11.075	129	44313	20.073	ug/l	99
61) 1,2-Dibromoethane	11.175	107	31201	19.708	ug/l	96
64) Tetrachloroethene	10.804	164	32445	16.248	ug/l	91
65) Chlorobenzene	11.604	112	121780	18.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	42641	19.764	ug/l	95
67) Ethyl Benzene	11.681	91	195715	18.231	ug/l	96
68) m/p-Xylenes	11.793	106	158690	37.259	ug/l	93
69) o-Xylene	12.116	106	73342	18.787	ug/l	92
70) Styrene	12.134	104	131476	19.210	ug/l	98
71) Bromoform	12.299	173	23715	19.443	ug/l #	99
73) Isopropylbenzene	12.416	105	181086	18.377	ug/l	98
74) N-amyl acetate	12.228	43	50108	22.408	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	44203	22.380	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	24547m	18.471	ug/l	
77) Bromobenzene	12.698	156	45972	18.033	ug/l	83
78) n-propylbenzene	12.757	91	232880	18.324	ug/l	97
79) 2-Chlorotoluene	12.846	91	131819	18.628	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	155261	18.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	14446	20.732	ug/l	100
82) 4-Chlorotoluene	12.946	91	143369	19.434	ug/l	95
83) tert-Butylbenzene	13.163	119	129755	18.297	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	160765	19.144	ug/l	100
85) sec-Butylbenzene	13.340	105	206603	18.341	ug/l	99
86) p-Isopropyltoluene	13.457	119	170010	18.595	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	96164	18.210	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	97481	18.776	ug/l	96
89) n-Butylbenzene	13.781	91	159245	18.737	ug/l	98
90) Hexachloroethane	14.051	117	37079	18.819	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	86982	19.273	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5623	21.396	ug/l	83
93) 1,2,4-Trichlorobenzene	15.092	180	48667	17.115	ug/l	99
94) Hexachlorobutadiene	15.198	225	24711	16.102	ug/l	96
95) Naphthalene	15.328	128	96014	19.509	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	43757	17.494	ug/l	99

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

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