

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079657.D
 Acq On : 07 Aug 2024 23:57
 Operator : RP/MD
 Sample : VD0807SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS02

Quant Time: Aug 08 01:58:17 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 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	101685	57.013	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.020%			
35) Dibromofluoromethane	7.805	113	108576	47.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.660%			
50) Toluene-d8	10.269	98	426195	48.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.700%			
62) 4-Bromofluorobenzene	12.569	95	120812	47.360	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25400	18.465	ug/l	91
3) Chloromethane	2.146	50	49364	19.476	ug/l	95
4) Vinyl Chloride	2.281	62	60867	20.197	ug/l	99
5) Bromomethane	2.681	94	47109	23.363	ug/l	99
6) Chloroethane	2.834	64	45549	23.521	ug/l	94
7) Trichlorofluoromethane	3.175	101	60885	20.315	ug/l	100
8) Diethyl Ether	3.593	74	19968	22.056	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.969	101	39212	20.687	ug/l	95
10) Methyl Iodide	4.164	142	40202	18.971	ug/l	94
11) Tert butyl alcohol	5.058	59	13250	166.261	ug/l	98
12) 1,1-Dichloroethene	3.946	96	38243	20.161	ug/l	94
13) Acrolein	3.793	56	12736	92.086	ug/l	99
14) Allyl chloride	4.564	41	55759	22.260	ug/l #	85
15) Acrylonitrile	5.252	53	51798	122.442	ug/l	98
16) Acetone	4.028	43	37263	107.505	ug/l	96
17) Carbon Disulfide	4.269	76	105625	16.869	ug/l #	94
18) Methyl Acetate	4.564	43	29744	27.639	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	90699	23.424	ug/l	95
20) Methylene Chloride	4.805	84	70822	18.787	ug/l	84
21) trans-1,2-Dichloroethene	5.311	96	43922	20.611	ug/l	90
22) Diisopropyl ether	6.216	45	138398	24.833	ug/l #	86
23) Vinyl Acetate	6.158	43	484936	115.750	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	88737	23.759	ug/l	97
25) 2-Butanone	7.081	43	58973	120.009	ug/l	100
26) 2,2-Dichloropropane	7.081	77	67187	22.240	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	55248	22.682	ug/l	88
28) Bromochloromethane	7.428	49	37919	23.153	ug/l #	70
29) Tetrahydrofuran	7.452	42	37810	124.156	ug/l #	79
30) Chloroform	7.599	83	90124	23.828	ug/l	95
31) Cyclohexane	7.881	56	54407	18.368	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	70354	22.542	ug/l	97
36) 1,1-Dichloropropene	8.010	75	55770	18.000	ug/l	94
37) Ethyl Acetate	7.158	43	29151	22.948	ug/l #	83
38) Carbon Tetrachloride	7.993	117	61410	18.855	ug/l	98
39) Methylcyclohexane	9.275	83	56066	15.166	ug/l	92
40) Benzene	8.252	78	195624	19.879	ug/l	96

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 Supervised By :Semsettin Yesilyurt 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15320m	21.925	ug/l	
42) 1,2-Dichloroethane	8.328	62	48628	20.737	ug/l	97
43) Isopropyl Acetate	8.357	43	51382	21.522	ug/l #	93
44) Trichloroethene	9.028	130	48054	19.616	ug/l	88
45) 1,2-Dichloropropane	9.304	63	48407	20.213	ug/l	96
46) Dibromomethane	9.393	93	26659	20.080	ug/l	90
47) Bromodichloromethane	9.587	83	66554	20.416	ug/l	97
48) Methyl methacrylate	9.381	41	21842	20.443	ug/l	85
49) 1,4-Dioxane	9.387	88	5228	380.033	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	134343	110.216	ug/l	94
52) Toluene	10.334	92	120805	19.849	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	59178	19.658	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	71046	19.620	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	37696	21.554	ug/l	95
56) Ethyl methacrylate	10.599	69	40432	19.512	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	62710	21.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	89211	93.352	ug/l	92
59) 2-Hexanone	10.922	43	91508	107.645	ug/l	91
60) Dibromochloromethane	11.069	129	46221	20.231	ug/l	98
61) 1,2-Dibromoethane	11.181	107	32568	19.878	ug/l	94
64) Tetrachloroethene	10.804	164	35931	17.637	ug/l	92
65) Chlorobenzene	11.604	112	132560	19.814	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	45018	20.452	ug/l	99
67) Ethyl Benzene	11.681	91	215328	19.660	ug/l	96
68) m/p-Xylenes	11.793	106	171278	39.418	ug/l	94
69) o-Xylene	12.116	106	77900	19.559	ug/l	90
70) Styrene	12.134	104	139859	20.030	ug/l	97
71) Bromoform	12.298	173	24569	19.744	ug/l #	96
73) Isopropylbenzene	12.416	105	197510	20.199	ug/l	100
74) N-amyl acetate	12.228	43	47306	21.792	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	43960	22.928	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	25880m	20.061	ug/l	
77) Bromobenzene	12.698	156	47276	19.103	ug/l	83
78) n-propylbenzene	12.763	91	249437	20.219	ug/l	96
79) 2-Chlorotoluene	12.845	91	141296	20.569	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	165521	20.133	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14804	21.887	ug/l	98
82) 4-Chlorotoluene	12.945	91	147461	20.592	ug/l	97
83) tert-Butylbenzene	13.163	119	137044	19.588	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	167002	20.245	ug/l	99
85) sec-Butylbenzene	13.345	105	211638	19.354	ug/l	98
86) p-Isopropyltoluene	13.457	119	174690	19.456	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	98146	19.146	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	96883	19.223	ug/l	94
89) n-Butylbenzene	13.781	91	158025	19.069	ug/l	98
90) Hexachloroethane	14.051	117	37899	19.815	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	87369	19.942	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5287	20.724	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	45811	16.596	ug/l	99
94) Hexachlorobutadiene	15.204	225	23584	15.830	ug/l	97
95) Naphthalene	15.328	128	88789	18.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	40511	16.684	ug/l	99

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

