

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079771.D
 Acq On : 04 Sep 2024 14:05
 Operator : RP/MD
 Sample : VD0904SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda
 09/05/2024

Supervised By :Semsetun
 Yesilyurt
 09/05/2024

Quant Time: Sep 04 15:52:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	112283	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	225115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	108249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82070	53.607	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.220%			
35) Dibromofluoromethane	7.805	113	74233	50.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.460%			
50) Toluene-d8	10.269	98	329870	52.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.569	95	94014	53.541	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	28835	21.387	ug/l	94
3) Chloromethane	2.146	50	61915	22.044	ug/l	98
4) Vinyl Chloride	2.281	62	78221	23.117	ug/l	98
5) Bromomethane	2.681	94	53445	22.817	ug/l	96
6) Chloroethane	2.834	64	54210	23.631	ug/l	94
7) Trichlorofluoromethane	3.175	101	54491	21.334	ug/l	96
8) Diethyl Ether	3.593	74	16528	20.396	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.964	101	29424	20.574	ug/l	90
10) Methyl Iodide	4.158	142	29798	18.083	ug/l	90
11) Tert butyl alcohol	5.046	59	8279	109.654	ug/l #	97
12) 1,1-Dichloroethene	3.946	96	32754	21.814	ug/l #	89
13) Acrolein	3.799	56	13154	89.365	ug/l	97
14) Allyl chloride	4.558	41	47930	21.667	ug/l #	87
15) Acrylonitrile	5.246	53	39759	108.805	ug/l	98
16) Acetone	4.023	43	39481	124.270	ug/l	97
17) Carbon Disulfide	4.270	76	115182	20.978	ug/l #	93
18) Methyl Acetate	4.564	43	16404	18.013	ug/l	91
19) Methyl tert-butyl Ether	5.317	73	68218	20.760	ug/l	99
20) Methylene Chloride	4.799	84	47581	23.506	ug/l #	81
21) trans-1,2-Dichloroethene	5.311	96	34738	20.845	ug/l #	78
22) Diisopropyl ether	6.216	45	105934	22.754	ug/l #	92
23) Vinyl Acetate	6.152	43	297698	119.392	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	63694	20.922	ug/l	92
25) 2-Butanone	7.081	43	47886	112.980	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	53268	22.489	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	40403	21.138	ug/l	85
28) Bromochloromethane	7.422	49	26822	19.822	ug/l #	59
29) Tetrahydrofuran	7.446	42	28570	108.979	ug/l #	80
30) Chloroform	7.593	83	65442	21.654	ug/l	95
31) Cyclohexane	7.875	56	53590	20.938	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	55193	21.925	ug/l	95
36) 1,1-Dichloropropene	8.005	75	45444	20.954	ug/l	96
37) Ethyl Acetate	7.164	43	19642	20.495	ug/l #	89
38) Carbon Tetrachloride	7.987	117	48131	20.809	ug/l	95
39) Methylcyclohexane	9.269	83	50707	19.199	ug/l #	85
40) Benzene	8.246	78	153181	21.178	ug/l	99

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Supervised By :Semsettin

Yesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.411	41	12978	23.663	ug/l	#	66
42) 1,2-Dichloroethane	8.322	62	38434	21.666	ug/l		91
43) Isopropyl Acetate	8.358	43	39313	21.987	ug/l	#	91
44) Trichloroethene	9.028	130	31170	20.193	ug/l		94
45) 1,2-Dichloropropane	9.305	63	37237	21.327	ug/l		98
46) Dibromomethane	9.393	93	18982	20.552	ug/l	#	82
47) Bromodichloromethane	9.581	83	48253	20.919	ug/l		99
48) Methyl methacrylate	9.375	41	18347	21.259	ug/l	#	80
49) 1,4-Dioxane	9.381	88	3983	429.226	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.157	43	101591	108.774	ug/l		91
52) Toluene	10.334	92	92152	21.066	ug/l		96
53) t-1,3-Dichloropropene	10.552	75	45025	20.706	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	52674	20.336	ug/l	#	87
55) 1,1,2-Trichloroethane	10.734	97	24980	20.673	ug/l		96
56) Ethyl methacrylate	10.599	69	30229	19.966	ug/l	#	82
57) 1,3-Dichloropropane	10.875	76	44508	20.433	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	62138	99.962	ug/l	#	88
59) 2-Hexanone	10.922	43	73720	114.137	ug/l		90
60) Dibromochloromethane	11.075	129	30351	20.421	ug/l		99
61) 1,2-Dibromoethane	11.175	107	21377	20.187	ug/l		95
64) Tetrachloroethene	10.805	164	24558	19.329	ug/l		91
65) Chlorobenzene	11.604	112	93660	19.516	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.675	131	30949	19.632	ug/l		95
67) Ethyl Benzene	11.681	91	167578	19.808	ug/l		95
68) m/p-Xylenes	11.793	106	134954	41.555	ug/l		91
69) o-Xylene	12.122	106	60472	19.979	ug/l		89
70) Styrene	12.134	104	105676	20.002	ug/l		95
71) Bromoform	12.299	173	16036	20.284	ug/l	#	100
73) Isopropylbenzene	12.416	105	154011	19.990	ug/l		98
74) N-amyl acetate	12.228	43	38894	21.241	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	29131	19.698	ug/l		97
76) 1,2,3-Trichloropropane	12.716	75	21203m	22.917	ug/l		
77) Bromobenzene	12.699	156	32687	19.063	ug/l		75
78) n-propylbenzene	12.757	91	197093	20.703	ug/l		96
79) 2-Chlorotoluene	12.846	91	106752	20.128	ug/l		91
80) 1,3,5-Trimethylbenzene	12.899	105	132429	20.676	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.463	75	10514	18.954	ug/l		88
82) 4-Chlorotoluene	12.940	91	114046	20.645	ug/l		96
83) tert-Butylbenzene	13.163	119	106704	20.047	ug/l		92
84) 1,2,4-Trimethylbenzene	13.210	105	134555	20.365	ug/l		97
85) sec-Butylbenzene	13.340	105	168534	20.710	ug/l		97
86) p-Isopropyltoluene	13.457	119	141207	20.527	ug/l		98
87) 1,3-Dichlorobenzene	13.451	146	71871	19.525	ug/l		96
88) 1,4-Dichlorobenzene	13.534	146	71548	19.440	ug/l		94
89) n-Butylbenzene	13.787	91	133223	20.435	ug/l		97
90) Hexachloroethane	14.046	117	28117	20.434	ug/l		83
91) 1,2-Dichlorobenzene	13.828	146	61414	19.482	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	4196	19.433	ug/l		71
93) 1,2,4-Trichlorobenzene	15.092	180	32577	18.815	ug/l		96
94) Hexachlorobutadiene	15.204	225	16371	19.663	ug/l		95
95) Naphthalene	15.328	128	67862	19.315	ug/l		99
96) 1,2,3-Trichlorobenzene	15.516	180	28142	18.601	ug/l		98

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

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