

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078754.D
 Acq On : 27 Mar 2024 16:11
 Operator : RP/MD
 Sample : VD0327SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

Quant Time: Mar 28 05:10:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53896	54.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.040%			
35) Dibromofluoromethane	7.805	113	61486	51.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.680%			
50) Toluene-d8	10.269	98	221839	50.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.575	95	71756	56.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16926	17.081	ug/l	100
3) Chloromethane	2.152	50	26662	17.041	ug/l	96
4) Vinyl Chloride	2.287	62	38648	16.745	ug/l	97
5) Bromomethane	2.693	94	37526	16.981	ug/l	96
6) Chloroethane	2.840	64	31811	17.674	ug/l	97
7) Trichlorofluoromethane	3.181	101	34848	19.085	ug/l	94
8) Diethyl Ether	3.599	74	10543	19.776	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	22230	19.399	ug/l	99
10) Methyl Iodide	4.164	142	23589	17.402	ug/l	98
11) Tert butyl alcohol	5.046	59	5445m	121.941	ug/l	
12) 1,1-Dichloroethene	3.946	96	19763	18.142	ug/l	98
13) Acrolein	3.799	56	7589	108.495	ug/l	100
14) Allyl chloride	4.564	41	23026	18.944	ug/l	97
15) Acrylonitrile	5.258	53	23480	109.256	ug/l	98
16) Acetone	4.022	43	23351	121.026	ug/l	94
17) Carbon Disulfide	4.275	76	45987	12.877	ug/l	98
18) Methyl Acetate	4.575	43	8235	19.888	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	44490	20.252	ug/l	95
20) Methylene Chloride	4.811	84	31981	21.540	ug/l	97
21) trans-1,2-Dichloroethene	5.317	96	23353	18.168	ug/l	94
22) Diisopropyl ether	6.216	45	57627	20.853	ug/l	97
23) Vinyl Acetate	6.158	43	169158	104.645	ug/l	100
24) 1,1-Dichloroethane	6.111	63	43398	20.946	ug/l	97
25) 2-Butanone	7.087	43	28765	112.136	ug/l	99
26) 2,2-Dichloropropane	7.069	77	33768	19.263	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	27620	18.840	ug/l	96
28) Bromochloromethane	7.428	49	17517	23.714	ug/l	93
29) Tetrahydrofuran	7.446	42	15738	112.800	ug/l	97
30) Chloroform	7.599	83	47242	20.450	ug/l	91
31) Cyclohexane	7.875	56	28561	17.030	ug/l #	96
32) 1,1,1-Trichloroethane	7.799	97	39887	20.350	ug/l	97
36) 1,1-Dichloropropene	8.005	75	30974	17.998	ug/l	97
37) Ethyl Acetate	7.175	43	12287	21.854	ug/l #	95
38) Carbon Tetrachloride	7.993	117	34265	18.886	ug/l #	93
39) Methylcyclohexane	9.275	83	30962	15.509	ug/l	98
40) Benzene	8.252	78	101117	19.437	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	6545	22.214	ug/l	92
42) 1,2-Dichloroethane	8.328	62	29664	23.381	ug/l	99
43) Isopropyl Acetate	8.363	43	23851	23.327	ug/l	94
44) Trichloroethene	9.034	130	25781	18.261	ug/l	96
45) 1,2-Dichloropropane	9.310	63	24262	19.660	ug/l	95
46) Dibromomethane	9.393	93	15586	21.068	ug/l	94
47) Bromodichloromethane	9.587	83	38615	21.926	ug/l	98
48) Methyl methacrylate	9.375	41	9923	19.918	ug/l	93
49) 1,4-Dioxane	9.381	88	2984	435.645	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	60389	112.973	ug/l	98
52) Toluene	10.334	92	64929	19.386	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	36251	22.513	ug/l #	48
54) cis-1,3-Dichloropropene	10.016	75	40181	20.758	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	21826	22.032	ug/l	94
56) Ethyl methacrylate	10.599	69	22512	22.668	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38606	24.151	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	50223	114.689	ug/l	99
59) 2-Hexanone	10.922	43	48017	121.175	ug/l	99
60) Dibromochloromethane	11.075	129	26631	21.798	ug/l	98
61) 1,2-Dibromoethane	11.175	107	19426	20.262	ug/l	98
64) Tetrachloroethene	10.816	164	22801	18.203	ug/l	89
65) Chlorobenzene	11.604	112	77435	19.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	29634	20.458	ug/l #	79
67) Ethyl Benzene	11.681	91	141616	21.011	ug/l	95
68) m/p-Xylenes	11.793	106	103102	37.670	ug/l	96
69) o-Xylene	12.122	106	49342m	19.485	ug/l	
70) Styrene	12.134	104	87023	20.474	ug/l	95
71) Bromoform	12.299	173	15973	20.404	ug/l #	92
73) Isopropylbenzene	12.422	105	261328	41.660	ug/l #	72
74) N-amyl acetate	12.234	43	21877	21.480	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	25808	22.225	ug/l	69
76) 1,2,3-Trichloropropane	12.716	75	15566m	21.206	ug/l	
77) Bromobenzene	12.698	156	32931	21.169	ug/l	97
78) n-propylbenzene	12.763	91	153334	20.082	ug/l	100
79) 2-Chlorotoluene	12.851	91	83315	19.890	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	99578	19.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7049	20.130	ug/l	91
82) 4-Chlorotoluene	12.946	91	89154	20.123	ug/l	98
83) tert-Butylbenzene	13.163	119	98866	22.104	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.210	105	103979	19.890	ug/l	94
85) sec-Butylbenzene	13.346	105	131475	19.424	ug/l	99
86) p-Isopropyltoluene	13.463	119	133537	23.045	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	66871	20.370	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	65490	20.242	ug/l	100
89) n-Butylbenzene	13.787	91	103179	19.716	ug/l	99
90) Hexachloroethane	14.051	117	23954	19.978	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	56290	19.909	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3965	25.524	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	35591	21.569	ug/l	96
94) Hexachlorobutadiene	15.204	225	18311	20.498	ug/l	96
95) Naphthalene	15.334	128	59346	20.686	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	30844	21.607	ug/l	100

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

