

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078755.D
 Acq On : 27 Mar 2024 16:38
 Operator : RP/MD
 Sample : VD0327SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 05:10:55 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

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	102137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	169606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51132	53.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.840%			
35) Dibromofluoromethane	7.810	113	61030	52.626	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.260%			
50) Toluene-d8	10.269	98	214502	50.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.575	95	65816	52.748	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	17093	17.981	ug/l	98
3) Chloromethane	2.152	50	27489	18.315	ug/l	96
4) Vinyl Chloride	2.287	62	42995	19.418	ug/l	96
5) Bromomethane	2.687	94	40171	18.949	ug/l	95
6) Chloroethane	2.834	64	33933	19.652	ug/l	99
7) Trichlorofluoromethane	3.181	101	35660	20.358	ug/l	92
8) Diethyl Ether	3.587	74	10359	20.255	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	21510	19.567	ug/l	95
10) Methyl Iodide	4.169	142	25082	19.288	ug/l	97
11) Tert butyl alcohol	5.057	59	7268m	169.667	ug/l	
12) 1,1-Dichloroethene	3.946	96	21232	20.317	ug/l #	80
13) Acrolein	3.805	56	7538	112.334	ug/l	99
14) Allyl chloride	4.563	41	24277	20.820	ug/l	99
15) Acrylonitrile	5.257	53	23954	116.187	ug/l	94
16) Acetone	4.022	43	24033	129.841	ug/l	97
17) Carbon Disulfide	4.275	76	48663	14.204	ug/l	97
18) Methyl Acetate	4.558	43	9821	24.724	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	48984	23.243	ug/l	94
20) Methylene Chloride	4.805	84	37782	27.775	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	24306	19.711	ug/l	93
22) Diisopropyl ether	6.216	45	57951	21.859	ug/l	96
23) Vinyl Acetate	6.157	43	171279	110.449	ug/l	96
24) 1,1-Dichloroethane	6.110	63	45401	22.841	ug/l	99
25) 2-Butanone	7.087	43	31220	126.866	ug/l	96
26) 2,2-Dichloropropane	7.081	77	37184	22.111	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	29203	20.764	ug/l	96
28) Bromochloromethane	7.428	49	15348	21.659	ug/l	98
29) Tetrahydrofuran	7.446	42	16125	120.473	ug/l	95
30) Chloroform	7.599	83	50811	22.927	ug/l	99
31) Cyclohexane	7.881	56	27234	16.928	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	41256	21.941	ug/l	98
36) 1,1-Dichloropropene	8.010	75	30004	17.832	ug/l	95
37) Ethyl Acetate	7.175	43	10146	18.458	ug/l #	79
38) Carbon Tetrachloride	7.998	117	35871	20.222	ug/l	82
39) Methylcyclohexane	9.269	83	31075	15.920	ug/l	99
40) Benzene	8.251	78	101992	20.052	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6389	22.179	ug/l	90
42) 1,2-Dichloroethane	8.334	62	26896	21.683	ug/l	100
43) Isopropyl Acetate	8.363	43	22715	22.722	ug/l	95
44) Trichloroethene	9.028	130	27953	20.251	ug/l	99
45) 1,2-Dichloropropane	9.304	63	25853	21.426	ug/l	99
46) Dibromomethane	9.398	93	15209	21.027	ug/l	97
47) Bromodichloromethane	9.587	83	38370	22.284	ug/l	95
48) Methyl methacrylate	9.381	41	10679	21.924	ug/l	91
49) 1,4-Dioxane	9.381	88	2920	436.021	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	62701	119.973	ug/l	96
52) Toluene	10.334	92	66738	20.380	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	34064	21.637	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	40855	21.587	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	21504	22.202	ug/l	94
56) Ethyl methacrylate	10.598	69	20058	20.657	ug/l	96
57) 1,3-Dichloropropane	10.881	76	34148	21.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	44456	103.834	ug/l	99
59) 2-Hexanone	10.922	43	46923	121.115	ug/l	98
60) Dibromochloromethane	11.069	129	26547	22.225	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20030	21.369	ug/l	98
64) Tetrachloroethene	10.810	164	22881	20.386	ug/l	95
65) Chlorobenzene	11.604	112	75640	21.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	27145	20.913	ug/l	98
67) Ethyl Benzene	11.681	91	121316	20.087	ug/l	99
68) m/p-Xylenes	11.792	106	95312	38.863	ug/l	99
69) o-Xylene	12.122	106	47355	20.869	ug/l	95
70) Styrene	12.134	104	79214	20.799	ug/l	99
71) Bromoform	12.298	173	15572	22.199	ug/l #	93
73) Isopropylbenzene	12.422	105	114800	19.315	ug/l	99
74) N-amyl acetate	12.234	43	20979	21.740	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	24707	22.456	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	15403m	22.147	ug/l	
77) Bromobenzene	12.704	156	30456	20.662	ug/l	98
78) n-propylbenzene	12.763	91	144059	19.912	ug/l	100
79) 2-Chlorotoluene	12.845	91	79314	19.984	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	97630	19.864	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7645	23.041	ug/l	98
82) 4-Chlorotoluene	12.945	91	86499	20.606	ug/l	100
83) tert-Butylbenzene	13.163	119	85184	20.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	100670	20.324	ug/l	97
85) sec-Butylbenzene	13.345	105	126289	19.691	ug/l	99
86) p-Isopropyltoluene	13.457	119	106799	19.452	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	64797	20.832	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	64058	20.897	ug/l	98
89) n-Butylbenzene	13.786	91	99664	20.100	ug/l	97
90) Hexachloroethane	14.057	117	23376	20.577	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	55668	20.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2877	19.547	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	32737	20.939	ug/l	93
94) Hexachlorobutadiene	15.204	225	16878	19.940	ug/l	95
95) Naphthalene	15.333	128	55635	20.467	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	28328	20.944	ug/l	97

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

