

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079290.D
 Acq On : 01 Jul 2024 11:42
 Operator : RP/MD
 Sample : VD0701SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

Quant Time: Jul 01 15:35:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	147571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75644	52.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.260%			
35) Dibromofluoromethane	7.804	113	86199	48.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.160%			
50) Toluene-d8	10.269	98	294917	45.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.440%			
62) 4-Bromofluorobenzene	12.569	95	103741	50.158	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34774	20.849	ug/l	97
3) Chloromethane	2.146	50	54347	21.488	ug/l	99
4) Vinyl Chloride	2.281	62	63550	22.534	ug/l	99
5) Bromomethane	2.681	94	50937	20.269	ug/l	98
6) Chloroethane	2.828	64	41682	20.835	ug/l	99
7) Trichlorofluoromethane	3.163	101	66651	20.661	ug/l	95
8) Diethyl Ether	3.593	74	19000	20.024	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	43456	21.682	ug/l	96
10) Methyl Iodide	4.157	142	37483	23.035	ug/l	96
11) Tert butyl alcohol	5.052	59	10427	105.598	ug/l #	97
12) 1,1-Dichloroethene	3.940	96	41283	21.279	ug/l	85
13) Acrolein	3.793	56	19943	102.123	ug/l	96
14) Allyl chloride	4.557	41	51544	20.818	ug/l	86
15) Acrylonitrile	5.257	53	44382	102.622	ug/l	99
16) Acetone	4.016	43	32440	92.621	ug/l	91
17) Carbon Disulfide	4.263	76	145447	21.340	ug/l	96
18) Methyl Acetate	4.569	43	22376	21.991	ug/l #	85
19) Methyl tert-butyl Ether	5.310	73	84481	21.253	ug/l	99
20) Methylene Chloride	4.799	84	53937	18.928	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	44899	20.595	ug/l #	84
22) Diisopropyl ether	6.210	45	120868	22.436	ug/l #	92
23) Vinyl Acetate	6.157	43	444852	109.074	ug/l	93
24) 1,1-Dichloroethane	6.110	63	82736	21.905	ug/l	94
25) 2-Butanone	7.087	43	49396	101.234	ug/l	96
26) 2,2-Dichloropropane	7.075	77	63793	21.394	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	51365	21.506	ug/l	90
28) Bromochloromethane	7.422	49	36195	22.984	ug/l #	70
29) Tetrahydrofuran	7.451	42	31304	103.273	ug/l	86
30) Chloroform	7.593	83	83140	21.339	ug/l	98
31) Cyclohexane	7.875	56	66754	21.280	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	71346	22.310	ug/l	98
36) 1,1-Dichloropropene	8.010	75	59892	21.501	ug/l	94
37) Ethyl Acetate	7.169	43	20269	19.116	ug/l #	90
38) Carbon Tetrachloride	7.993	117	62363	22.046	ug/l	98
39) Methylcyclohexane	9.275	83	67830	20.698	ug/l	97
40) Benzene	8.251	78	182595	21.011	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	12150m	20.847	ug/l	
42) 1,2-Dichloroethane	8.328	62	46718	22.352	ug/l	93
43) Isopropyl Acetate	8.363	43	42541	20.789	ug/l	94
44) Trichloroethene	9.028	130	41473	20.892	ug/l	79
45) 1,2-Dichloropropane	9.304	63	46552	22.000	ug/l	93
46) Dibromomethane	9.393	93	26366	21.970	ug/l #	86
47) Bromodichloromethane	9.587	83	63651	21.673	ug/l	94
48) Methyl methacrylate	9.381	41	20039	21.703	ug/l	84
49) 1,4-Dioxane	9.387	88	4571	371.693	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	114496	107.519	ug/l	94
52) Toluene	10.334	92	114330	21.610	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	57524	21.689	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	66326	20.842	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	33094	21.380	ug/l	94
56) Ethyl methacrylate	10.598	69	38464	20.849	ug/l	95
57) 1,3-Dichloropropane	10.875	76	57020	21.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	95552	112.487	ug/l	90
59) 2-Hexanone	10.922	43	77257	102.161	ug/l	95
60) Dibromochloromethane	11.069	129	42626	21.816	ug/l	98
61) 1,2-Dibromoethane	11.175	107	30361	21.395	ug/l	96
64) Tetrachloroethene	10.810	164	33360	21.398	ug/l	91
65) Chlorobenzene	11.604	112	121841	21.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	41572	21.945	ug/l	95
67) Ethyl Benzene	11.681	91	206360	21.248	ug/l	96
68) m/p-Xylenes	11.792	106	160174	42.758	ug/l	84
69) o-Xylene	12.116	106	72706	21.605	ug/l	87
70) Styrene	12.134	104	129974	21.657	ug/l	95
71) Bromoform	12.298	173	21478	20.906	ug/l #	96
73) Isopropylbenzene	12.422	105	187921	20.386	ug/l	98
74) N-amyl acetate	12.234	43	41759	20.640	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	39250	20.426	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	29271m	23.588	ug/l	
77) Bromobenzene	12.698	156	44683	21.549	ug/l	78
78) n-propylbenzene	12.763	91	244681	20.734	ug/l	94
79) 2-Chlorotoluene	12.845	91	137549	20.849	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	164897	21.128	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	14270	21.338	ug/l	97
82) 4-Chlorotoluene	12.945	91	147569	21.289	ug/l	92
83) tert-Butylbenzene	13.163	119	128679	20.354	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	161416	20.663	ug/l	96
85) sec-Butylbenzene	13.345	105	206568	20.535	ug/l	96
86) p-Isopropyltoluene	13.457	119	169616	20.429	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	90798	20.593	ug/l	96
88) 1,4-Dichlorobenzene	13.533	146	90198	20.583	ug/l	94
89) n-Butylbenzene	13.786	91	165344	20.295	ug/l	96
90) Hexachloroethane	14.051	117	37702	20.645	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	79677	20.998	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5101	19.363	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	40902	20.216	ug/l	96
94) Hexachlorobutadiene	15.198	225	24793	22.037	ug/l	90
95) Naphthalene	15.327	128	79838	20.216	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	36712	20.521	ug/l	95

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

