

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076890.D
 Acq On : 01 Aug 2023 12:31
 Operator : KP/SY
 Sample : VD0801SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/02/2023
 Supervised By :Semsettin Yesilyurt 08/02/2023

Quant Time: Aug 02 01:28:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144159	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	273466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82223	57.264	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	=	114.520%	
35) Dibromofluoromethane	7.805	113	95576	55.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	=	111.240%	
50) Toluene-d8	10.269	98	312878	50.894	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	=	101.780%	
62) 4-Bromofluorobenzene	12.575	95	103297	51.940	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	=	103.880%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	23980	21.272	ug/l	94
3) Chloromethane	2.146	50	37333	19.198	ug/l	98
4) Vinyl Chloride	2.281	62	52765	20.355	ug/l	94
5) Bromomethane	2.675	94	47600	22.318	ug/l	99
6) Chloroethane	2.828	64	40835	20.864	ug/l	99
7) Trichlorofluoromethane	3.170	101	49898	21.633	ug/l	97
8) Diethyl Ether	3.587	74	17216	21.678	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	32514	21.444	ug/l	96
10) Methyl Iodide	4.158	142	36553	21.386	ug/l	# 89
11) Tert butyl alcohol	5.052	59	12949	120.853	ug/l	100
12) 1,1-Dichloroethene	3.940	96	30063	21.104	ug/l	90
13) Acrolein	3.799	56	6884	94.280	ug/l	# 68
14) Allyl chloride	4.558	41	38659	20.659	ug/l	89
15) Acrylonitrile	5.258	53	41475	106.332	ug/l	100
16) Acetone	4.022	43	37888	110.488	ug/l	88
17) Carbon Disulfide	4.264	76	57945	17.416	ug/l	97
18) Methyl Acetate	4.564	43	31525	24.469	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	79929	20.923	ug/l	94
20) Methylene Chloride	4.793	84	72294	31.619	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	34092	20.589	ug/l	93
22) Diisopropyl ether	6.216	45	101696	22.950	ug/l	95
23) Vinyl Acetate	6.152	43	218706m	99.751	ug/l	
24) 1,1-Dichloroethane	6.111	63	69980	23.423	ug/l	95
25) 2-Butanone	7.087	43	54316	118.351	ug/l	95
26) 2,2-Dichloropropane	7.075	77	59384	23.057	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	46038	22.554	ug/l	95
28) Bromochloromethane	7.434	49	18415	24.653	ug/l	84
29) Tetrahydrofuran	7.452	42	27884	102.832	ug/l	92
30) Chloroform	7.599	83	77784	23.770	ug/l	93
31) Cyclohexane	7.875	56	41171	19.483	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	62190	23.555	ug/l	95
36) 1,1-Dichloropropene	7.999	75	46577	20.742	ug/l	95
37) Ethyl Acetate	7.169	43	21856	21.764	ug/l	98
38) Carbon Tetrachloride	7.987	117	46615	21.680	ug/l	90
39) Methylcyclohexane	9.269	83	47220	18.211	ug/l	97
40) Benzene	8.252	78	153388	21.649	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11828	19.287	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	41465	22.523	ug/l	97
43) Isopropyl Acetate	8.363	43	39351	20.078	ug/l	95
44) Trichloroethene	9.028	130	40520	20.986	ug/l	97
45) 1,2-Dichloropropane	9.305	63	41101	22.472	ug/l	97
46) Dibromomethane	9.393	93	23364	21.824	ug/l	91
47) Bromodichloromethane	9.587	83	58777	21.878	ug/l	94
48) Methyl methacrylate	9.381	41	19130	21.446	ug/l	85
49) 1,4-Dioxane	9.381	88	5321	387.930	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	107376	102.899	ug/l	92
52) Toluene	10.334	92	97443	20.940	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	52535	21.068	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	62183	21.159	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	35160	22.491	ug/l	98
56) Ethyl methacrylate	10.599	69	36007	19.955	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	54302	21.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	71539	102.427	ug/l	99
59) 2-Hexanone	10.922	43	76357	102.550	ug/l	90
60) Dibromochloromethane	11.075	129	39837	21.935	ug/l	98
61) 1,2-Dibromoethane	11.175	107	31290	21.589	ug/l	96
64) Tetrachloroethene	10.810	164	30164	20.860	ug/l	94
65) Chlorobenzene	11.604	112	111948	21.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	43134	22.716	ug/l	95
67) Ethyl Benzene	11.687	91	186346	20.804	ug/l	93
68) m/p-Xylenes	11.793	106	141905	41.251	ug/l	90
69) o-Xylene	12.122	106	70159	21.090	ug/l	93
70) Styrene	12.134	104	121591	20.880	ug/l	97
71) Bromoform	12.298	173	23037	22.151	ug/l #	95
73) Isopropylbenzene	12.422	105	179648	20.878	ug/l	94
74) N-amyl acetate	12.234	43	35816	19.757	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	41062	22.225	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	26802m	23.763	ug/l	
77) Bromobenzene	12.698	156	45531	22.924	ug/l	90
78) n-propylbenzene	12.763	91	229245	21.976	ug/l	95
79) 2-Chlorotoluene	12.845	91	126106	22.047	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	152961	21.984	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	11117	20.977	ug/l	92
82) 4-Chlorotoluene	12.945	91	133351	22.317	ug/l	95
83) tert-Butylbenzene	13.169	119	131056	21.392	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	152297	21.420	ug/l	97
85) sec-Butylbenzene	13.345	105	203955	21.790	ug/l	94
86) p-Isopropyltoluene	13.463	119	163225	21.116	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	87507	21.420	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	91411	22.838	ug/l	98
89) n-Butylbenzene	13.787	91	160048	21.159	ug/l	96
90) Hexachloroethane	14.051	117	33800	23.651	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	79545	22.097	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5056	19.193	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	46773	21.283	ug/l	96
94) Hexachlorobutadiene	15.204	225	22286	21.085	ug/l	99
95) Naphthalene	15.334	128	92674	19.475	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	43988	22.304	ug/l	92

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

