

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076284.D
 Acq On : 31 May 2023 14:09
 Operator : KP/SY
 Sample : VY0531SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VY0531SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: May 31 16:07:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	293090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	278879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83582	49.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.805	113	101859	50.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.269	98	367753	46.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.575	95	109025	49.697	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	31069	19.685	ug/l	93
3) Chloromethane	2.146	50	60522	20.752	ug/l	100
4) Vinyl Chloride	2.281	62	77704	22.828	ug/l	96
5) Bromomethane	2.675	94	50468	22.023	ug/l	97
6) Chloroethane	2.828	64	54907	23.977	ug/l	100
7) Trichlorofluoromethane	3.164	101	59291	20.551	ug/l	98
8) Diethyl Ether	3.593	74	19011	20.037	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.964	101	39349	20.705	ug/l	95
10) Methyl Iodide	4.164	142	41525	21.015	ug/l	90
11) Tert butyl alcohol	5.046	59	10749	120.143	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	37516	19.835	ug/l	86
13) Acrolein	3.793	56	17571	80.245	ug/l	98
14) Allyl chloride	4.558	41	36356	18.940	ug/l #	80
15) Acrylonitrile	5.258	53	41986	106.877	ug/l	97
16) Acetone	4.022	43	36855	109.521	ug/l #	80
17) Carbon Disulfide	4.264	76	103510	18.458	ug/l	95
18) Methyl Acetate	4.564	43	25571	21.302	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	75292	20.338	ug/l	96
20) Methylene Chloride	4.793	84	57965	15.234	ug/l #	77
21) trans-1,2-Dichloroethene	5.305	96	42169	19.345	ug/l #	77
22) Diisopropyl ether	6.216	45	92050	20.660	ug/l #	91
23) Vinyl Acetate	6.158	43	178935	102.138	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	74575	21.223	ug/l	93
25) 2-Butanone	7.081	43	48846	115.443	ug/l #	68
26) 2,2-Dichloropropane	7.069	77	60630	21.161	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	49148	20.318	ug/l	84
28) Bromochloromethane	7.422	49	23922	20.417	ug/l #	61
29) Tetrahydrofuran	7.446	42	26018	105.499	ug/l #	71
30) Chloroform	7.599	83	80565	21.440	ug/l	99
31) Cyclohexane	7.875	56	51127	19.738	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	64340	21.485	ug/l	97
36) 1,1-Dichloropropene	8.010	75	54562	19.942	ug/l	95
37) Ethyl Acetate	7.163	43	19619	20.707	ug/l #	84
38) Carbon Tetrachloride	7.987	117	48639	19.681	ug/l	98
39) Methylcyclohexane	9.275	83	55074	17.483	ug/l	97
40) Benzene	8.246	78	174234	19.807	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.393	41	9508	18.302	ug/l	#	60
42) 1,2-Dichloroethane	8.322	62	43250	20.787	ug/l		92
43) Isopropyl Acetate	8.363	43	34351	19.409	ug/l	#	89
44) Trichloroethene	9.028	130	46260	18.660	ug/l		87
45) 1,2-Dichloropropane	9.304	63	42427	19.554	ug/l	#	89
46) Dibromomethane	9.393	93	24111	19.825	ug/l		90
47) Bromodichloromethane	9.587	83	60250	20.613	ug/l		91
48) Methyl methacrylate	9.381	41	16127	20.588	ug/l	#	66
49) 1,4-Dioxane	9.381	88	5756	442.579	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.157	43	98823	104.986	ug/l	#	84
52) Toluene	10.334	92	110562	20.124	ug/l		94
53) t-1,3-Dichloropropene	10.551	75	51255	19.456	ug/l		95
54) cis-1,3-Dichloropropene	10.016	75	63018	19.601	ug/l	#	77
55) 1,1,2-Trichloroethane	10.734	97	37796	21.671	ug/l		90
56) Ethyl methacrylate	10.598	69	33366	19.033	ug/l	#	68
57) 1,3-Dichloropropane	10.881	76	56099	20.502	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.869	63	83330	99.071	ug/l		92
59) 2-Hexanone	10.922	43	70233	105.800	ug/l		79
60) Dibromochloromethane	11.075	129	40768	20.789	ug/l		99
61) 1,2-Dibromoethane	11.181	107	31624	20.384	ug/l		96
64) Tetrachloroethene	10.810	164	38856	18.119	ug/l		94
65) Chlorobenzene	11.604	112	121248	19.097	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	42444	19.426	ug/l		94
67) Ethyl Benzene	11.687	91	188985	18.628	ug/l		97
68) m/p-Xylenes	11.793	106	161751	39.011	ug/l		89
69) o-Xylene	12.122	106	69089	18.261	ug/l		93
70) Styrene	12.134	104	126696	19.315	ug/l		93
71) Bromoform	12.304	173	24458	19.901	ug/l	#	100
73) Isopropylbenzene	12.422	105	177871	17.948	ug/l		97
74) N-amyl acetate	12.234	43	33153	18.781	ug/l	#	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	41855	19.651	ug/l		96
76) 1,2,3-Trichloropropane	12.722	75	22760m	17.361	ug/l		
77) Bromobenzene	12.704	156	48360	18.206	ug/l		93
78) n-propylbenzene	12.763	91	233866	18.959	ug/l		97
79) 2-Chlorotoluene	12.851	91	125878	18.438	ug/l		89
80) 1,3,5-Trimethylbenzene	12.904	105	153745	18.714	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	11953	19.127	ug/l	#	75
82) 4-Chlorotoluene	12.951	91	136234	18.760	ug/l		92
83) tert-Butylbenzene	13.169	119	126852	18.270	ug/l		92
84) 1,2,4-Trimethylbenzene	13.210	105	151634	18.533	ug/l		94
85) sec-Butylbenzene	13.345	105	199543	18.441	ug/l		96
86) p-Isopropyltoluene	13.463	119	167144	18.878	ug/l		94
87) 1,3-Dichlorobenzene	13.457	146	100503	18.714	ug/l		96
88) 1,4-Dichlorobenzene	13.539	146	101595	19.105	ug/l		97
89) n-Butylbenzene	13.792	91	147325	17.657	ug/l		98
90) Hexachloroethane	14.051	117	34629	19.014	ug/l		96
91) 1,2-Dichlorobenzene	13.834	146	88418	18.760	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5460	19.743	ug/l		90
93) 1,2,4-Trichlorobenzene	15.098	180	45683	16.664	ug/l		95
94) Hexachlorobutadiene	15.204	225	22849	16.346	ug/l		96
95) Naphthalene	15.334	128	86571	16.995	ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	41285	16.559	ug/l		98

06/01/2023
 Supervised By :Mahesh
 Dadoda

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

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

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Supervised By :Mahesh
Dadoda

06/01/2023

