

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076274.D
 Acq On : 30 May 2023 15:00
 Operator : KP/SY
 Sample : VY0530SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VY0530SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 31 02:20:09 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	7.869	168	175866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	294860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	269266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	144655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84160	49.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.798	113	101615	49.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.269	98	378642	47.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.575	95	109463	49.597	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33548	21.151	ug/l	91
3) Chloromethane	2.146	50	64213	22.181	ug/l	97
4) Vinyl Chloride	2.275	62	82696	24.175	ug/l	95
5) Bromomethane	2.675	94	55790	24.225	ug/l	93
6) Chloroethane	2.822	64	56673	24.626	ug/l	93
7) Trichlorofluoromethane	3.163	101	64067	22.097	ug/l	100
8) Diethyl Ether	3.587	74	19348	20.292	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.963	101	41386	21.670	ug/l	97
10) Methyl Iodide	4.152	142	47582	23.962	ug/l	90
11) Tert butyl alcohol	5.063	59	10471	116.460	ug/l #	100
12) 1,1-Dichloroethene	3.928	96	39652	20.861	ug/l	93
13) Acrolein	3.793	56	16504	75.001	ug/l	95
14) Allyl chloride	4.558	41	40515	21.003	ug/l #	78
15) Acrylonitrile	5.246	53	42491	107.629	ug/l	96
16) Acetone	4.016	43	35757	105.735	ug/l #	87
17) Carbon Disulfide	4.263	76	107272	19.127	ug/l	97
18) Methyl Acetate	4.558	43	26427	21.907	ug/l #	82
19) Methyl tert-butyl Ether	5.310	73	79994	21.502	ug/l	100
20) Methylene Chloride	4.793	84	68586	19.848	ug/l #	77
21) trans-1,2-Dichloroethene	5.305	96	45493	20.767	ug/l #	76
22) Diisopropyl ether	6.210	45	96700	21.596	ug/l #	93
23) Vinyl Acetate	6.152	43	186218	105.772	ug/l #	89
24) 1,1-Dichloroethane	6.104	63	75835	21.475	ug/l	96
25) 2-Butanone	7.081	43	47541	111.805	ug/l #	85
26) 2,2-Dichloropropane	7.069	77	64057	22.247	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	51185	21.056	ug/l	85
28) Bromochloromethane	7.422	49	25640	21.776	ug/l #	67
29) Tetrahydrofuran	7.446	42	26909	108.574	ug/l #	69
30) Chloroform	7.593	83	84219	22.302	ug/l	96
31) Cyclohexane	7.875	56	53595	20.589	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	64139	21.313	ug/l	97
36) 1,1-Dichloropropene	8.004	75	56355	20.473	ug/l	95
37) Ethyl Acetate	7.169	43	19100	20.038	ug/l #	80
38) Carbon Tetrachloride	7.987	117	51223	20.602	ug/l	96
39) Methylcyclohexane	9.269	83	60061	18.952	ug/l	92
40) Benzene	8.251	78	184038	20.796	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10865	20.789	ug/l #	78
42) 1,2-Dichloroethane	8.328	62	43678	20.867	ug/l	92
43) Isopropyl Acetate	8.357	43	34838	19.566	ug/l #	83
44) Trichloroethene	9.022	130	49389	19.803	ug/l	92
45) 1,2-Dichloropropane	9.298	63	43799	20.065	ug/l	98
46) Dibromomethane	9.393	93	25390	20.751	ug/l	93
47) Bromodichloromethane	9.581	83	60862	20.697	ug/l	94
48) Methyl methacrylate	9.375	41	14753	18.721	ug/l #	62
49) 1,4-Dioxane	9.387	88	5729	437.859	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	94922	100.236	ug/l #	81
52) Toluene	10.334	92	116178	21.019	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	53257	20.095	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	66640	20.604	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	35868	20.442	ug/l	95
56) Ethyl methacrylate	10.592	69	34890	19.783	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	57959	21.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	83609	98.806	ug/l	93
59) 2-Hexanone	10.922	43	66631	99.771	ug/l	81
60) Dibromochloromethane	11.075	129	40836	20.699	ug/l	97
61) 1,2-Dibromoethane	11.181	107	31738	20.334	ug/l	96
64) Tetrachloroethene	10.804	164	40188	19.409	ug/l	95
65) Chlorobenzene	11.604	112	124653	20.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	43606	20.671	ug/l	94
67) Ethyl Benzene	11.681	91	196997	20.111	ug/l	96
68) m/p-Xylenes	11.792	106	166113	41.493	ug/l	91
69) o-Xylene	12.122	106	74366	20.358	ug/l	90
70) Styrene	12.134	104	132973	20.996	ug/l	93
71) Bromoform	12.298	173	23998	20.224	ug/l #	94
73) Isopropylbenzene	12.422	105	186402	19.480	ug/l	98
74) N-amyl acetate	12.234	43	32305	18.953	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	42608	20.717	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	22619m	17.869	ug/l	
77) Bromobenzene	12.704	156	51004	19.886	ug/l	92
78) n-propylbenzene	12.763	91	239040	20.069	ug/l	97
79) 2-Chlorotoluene	12.851	91	135137	20.500	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	158540	19.986	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	11903	19.726	ug/l #	71
82) 4-Chlorotoluene	12.945	91	140128	19.985	ug/l	92
83) tert-Butylbenzene	13.163	119	135060	20.146	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	156836	19.852	ug/l	93
85) sec-Butylbenzene	13.345	105	209803	20.081	ug/l	97
86) p-Isopropyltoluene	13.463	119	170565	19.951	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	104963	20.241	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	103657	20.187	ug/l	96
89) n-Butylbenzene	13.786	91	155238	19.269	ug/l	99
90) Hexachloroethane	14.051	117	36318	20.653	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	91836	20.180	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5368	20.102	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	48095	18.169	ug/l	97
94) Hexachlorobutadiene	15.204	225	24395	18.075	ug/l	100
95) Naphthalene	15.333	128	91686	18.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43553	18.091	ug/l	97

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VY0530SBSD01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

