

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076324.D
 Acq On : 05 Jun 2023 13:50
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 02:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	214105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38473	20.055	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.120%#		
35) Dibromofluoromethane	7.805	113	43044	19.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.360%#		
50) Toluene-d8	10.269	98	179145	20.044	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.080%#		
62) 4-Bromofluorobenzene	12.575	95	46216	19.540	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	43485	20.973	ug/l	96
3) Chloromethane	2.146	50	81866	20.548	ug/l	99
4) Vinyl Chloride	2.281	62	107377	20.535	ug/l	96
5) Bromomethane	2.675	94	68518	20.196	ug/l	99
6) Chloroethane	2.828	64	72170	20.596	ug/l	97
7) Trichlorofluoromethane	3.169	101	69852	20.119	ug/l	95
8) Diethyl Ether	3.587	74	22592	19.948	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	45386	20.437	ug/l	97
10) Methyl Iodide	4.152	142	60787	19.669	ug/l	100
11) Tert butyl alcohol	5.069	59	10625	99.101	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	47670	20.221	ug/l	92
13) Acrolein	3.793	56	23744	101.794	ug/l	98
14) Allyl chloride	4.558	41	46072	19.889	ug/l	97
15) Acrylonitrile	5.252	53	44617	98.657	ug/l	100
16) Acetone	4.022	43	32814	93.388	ug/l	87
17) Carbon Disulfide	4.264	76	160198	20.373	ug/l	98
18) Methyl Acetate	4.564	43	30493	20.464	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	85128	19.600	ug/l	98
20) Methylene Chloride	4.793	84	67062	20.106	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	54970	20.122	ug/l	91
22) Diisopropyl ether	6.216	45	103445	20.080	ug/l	98
23) Vinyl Acetate	6.158	43	187500m	95.702	ug/l	
24) 1,1-Dichloroethane	6.110	63	83963	19.957	ug/l	98
25) 2-Butanone	7.081	43	47021	96.642	ug/l	96
26) 2,2-Dichloropropane	7.069	77	70708	20.295	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	57845	19.601	ug/l	97
28) Bromochloromethane	7.428	49	24220	21.353	ug/l	99
29) Tetrahydrofuran	7.446	42	27875	97.109	ug/l	98
30) Chloroform	7.587	83	87726	19.867	ug/l	91
31) Cyclohexane	7.869	56	62268	19.333	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	71255	20.264	ug/l	98
36) 1,1-Dichloropropene	8.010	75	65526	20.317	ug/l	99
37) Ethyl Acetate	7.169	43	22269	20.929	ug/l	99
38) Carbon Tetrachloride	7.987	117	57132	20.208	ug/l	98
39) Methylcyclohexane	9.275	83	73239	19.875	ug/l	97
40) Benzene	8.252	78	202607	19.859	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8957	16.523	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	48226	20.467	ug/l	96
43) Isopropyl Acetate	8.363	43	38706	20.297	ug/l	99
44) Trichloroethene	9.028	130	56351	19.754	ug/l	93
45) 1,2-Dichloropropane	9.304	63	48113	20.094	ug/l	97
46) Dibromomethane	9.393	93	27474	20.270	ug/l	98
47) Bromodichloromethane	9.581	83	63587	20.013	ug/l	94
48) Methyl methacrylate	9.381	41	15499	17.941	ug/l #	93
49) 1,4-Dioxane	9.387	88	6142	413.461	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	100476	99.961	ug/l	98
52) Toluene	10.334	92	125967	20.078	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	57835	19.613	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	72843	19.990	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	38821	20.229	ug/l	94
56) Ethyl methacrylate	10.598	69	37520	19.169	ug/l	97
57) 1,3-Dichloropropane	10.881	76	62195	20.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	83014	101.014	ug/l	96
59) 2-Hexanone	10.922	43	68128	98.787	ug/l	98
60) Dibromochloromethane	11.075	129	43945	20.200	ug/l	94
61) 1,2-Dibromoethane	11.181	107	35914	20.567	ug/l	99
64) Tetrachloroethene	10.810	164	47077	19.986	ug/l	96
65) Chlorobenzene	11.604	112	139335	19.776	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	46783	19.776	ug/l	98
67) Ethyl Benzene	11.687	91	220453	19.415	ug/l	95
68) m/p-Xylenes	11.793	106	185170	39.450	ug/l	98
69) o-Xylene	12.122	106	81416	19.238	ug/l	99
70) Styrene	12.134	104	145401	20.034	ug/l	99
71) Bromoform	12.298	173	26495	20.760	ug/l #	98
73) Isopropylbenzene	12.422	105	203862	19.100	ug/l	100
74) N-amyl acetate	12.234	43	34945	19.092	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	42878	20.068	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	29961m	18.535	ug/l	
77) Bromobenzene	12.698	156	53820	19.178	ug/l	97
78) n-propylbenzene	12.763	91	260561	19.745	ug/l	99
79) 2-Chlorotoluene	12.851	91	140468	19.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	174207	19.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	12856	19.784	ug/l	91
82) 4-Chlorotoluene	12.945	91	151085	19.714	ug/l	99
83) tert-Butylbenzene	13.169	119	145398	19.700	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	175090	19.919	ug/l	98
85) sec-Butylbenzene	13.345	105	222663	19.614	ug/l	98
86) p-Isopropyltoluene	13.463	119	183777	19.531	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	113364	20.038	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	115514	20.166	ug/l	100
89) n-Butylbenzene	13.787	91	166916	19.085	ug/l	98
90) Hexachloroethane	14.057	117	38435	20.344	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	97185	19.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5681	20.127	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	52605	18.427	ug/l	99
94) Hexachlorobutadiene	15.204	225	27494	19.698	ug/l	95
95) Naphthalene	15.334	128	98906	18.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	46566	18.445	ug/l	98

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

