

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075124.D
 Acq On : 18 Jan 2023 10:25
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 01:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:24:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	158637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	70443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5472	5.135	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.280%#		
35) Dibromofluoromethane	7.799	113	5252	4.762	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.520%#		
50) Toluene-d8	10.275	98	22415	5.162	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.320%#		
62) 4-Bromofluorobenzene	12.575	95	7457	5.411	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.820%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4968	5.463	ug/l	83
3) Chloromethane	2.146	50	7573	5.614	ug/l	95
4) Vinyl Chloride	2.281	62	7738	5.346	ug/l	99
5) Bromomethane	2.693	94	5571	5.660	ug/l	97
6) Chloroethane	2.834	64	5180	5.161	ug/l	98
7) Trichlorofluoromethane	3.181	101	10017	5.445	ug/l	97
8) Diethyl Ether	3.587	74	2899	4.890	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	6061	5.337	ug/l	99
10) Methyl Iodide	4.164	142	6897	4.511	ug/l	94
11) Tert butyl alcohol	5.052	59	2065m	27.779	ug/l	
12) 1,1-Dichloroethene	3.946	96	6224	5.206	ug/l	88
13) Acrolein	3.793	56	1998	27.673	ug/l	90
14) Allyl chloride	4.558	41	10604	5.465	ug/l	99
15) Acrylonitrile	5.258	53	5803	23.152	ug/l	97
16) Acetone	4.022	43	5666	20.161	ug/l #	83
17) Carbon Disulfide	4.269	76	20698	5.337	ug/l	99
18) Methyl Acetate	4.558	43	4072	5.331	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	12198	4.884	ug/l	92
20) Methylene Chloride	4.799	84	10151	5.728	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	7253	5.449	ug/l #	93
22) Diisopropyl ether	6.210	45	18582	5.145	ug/l #	95
23) Vinyl Acetate	6.158	43	36891m	23.176	ug/l	
24) 1,1-Dichloroethane	6.110	63	11797	5.198	ug/l	98
25) 2-Butanone	7.087	43	8281	24.380	ug/l #	89
26) 2,2-Dichloropropane	7.075	77	11331	5.600	ug/l	91
27) cis-1,2-Dichloroethene	7.069	96	7517	5.181	ug/l	99
28) Bromochloromethane	7.428	49	3257	5.256	ug/l #	95
29) Tetrahydrofuran	7.457	42	4547	23.471	ug/l #	34
30) Chloroform	7.599	83	12208	5.394	ug/l	96
31) Cyclohexane	7.875	56	13518	6.326	ug/l #	86
32) 1,1,1-Trichloroethane	7.793	97	10239	5.251	ug/l	98
36) 1,1-Dichloropropene	8.010	75	9585	5.409	ug/l	96
37) Ethyl Acetate	7.169	43	3387	4.744	ug/l #	72
38) Carbon Tetrachloride	7.993	117	7262	4.867	ug/l	90
39) Methylcyclohexane	9.275	83	11783	5.396	ug/l	95
40) Benzene	8.252	78	26605	5.265	ug/l	96

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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	1988	4.628	ug/l #	68
42) 1,2-Dichloroethane	8.322	62	6555	4.938	ug/l	98
43) Isopropyl Acetate	8.357	43	7063	5.084	ug/l	98
44) Trichloroethene	9.028	130	7492	5.272	ug/l	91
45) 1,2-Dichloropropane	9.310	63	6659	5.349	ug/l	90
46) Dibromomethane	9.393	93	3107	4.733	ug/l	96
47) Bromodichloromethane	9.581	83	8199	5.034	ug/l #	94
48) Methyl methacrylate	9.381	41	3397	5.000	ug/l	89
49) 1,4-Dioxane	9.381	88	569	90.788	ug/l #	58
51) 4-Methyl-2-Pentanone	10.157	43	15596	23.377	ug/l	98
52) Toluene	10.334	92	16641	5.211	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	7330	4.757	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	8876	4.715	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	4435	5.105	ug/l	94
56) Ethyl methacrylate	10.604	69	4774	4.569	ug/l	96
57) 1,3-Dichloropropane	10.887	76	7247	4.854	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	8473	23.699	ug/l	99
59) 2-Hexanone	10.922	43	10468	21.701	ug/l	97
60) Dibromochloromethane	11.075	129	5085	4.856	ug/l	98
61) 1,2-Dibromoethane	11.175	107	4266	5.139	ug/l	95
64) Tetrachloroethene	10.816	164	6034	5.326	ug/l	95
65) Chlorobenzene	11.610	112	17913	5.511	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	5698	5.211	ug/l	97
67) Ethyl Benzene	11.687	91	30358	5.188	ug/l	96
68) m/p-Xylenes	11.798	106	23960	10.600	ug/l	98
69) o-Xylene	12.122	106	10891	5.137	ug/l	95
70) Styrene	12.134	104	17755	5.037	ug/l	97
71) Bromoform	12.298	173	2638	4.672	ug/l #	97
73) Isopropylbenzene	12.422	105	29692	5.336	ug/l	100
74) N-amyl acetate	12.234	43	5943	4.876	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.681	83	4235	4.777	ug/l	90
76) 1,2,3-Trichloropropane	12.722	75	3429m	5.748	ug/l	
77) Bromobenzene	12.704	156	6792	5.344	ug/l	97
78) n-propylbenzene	12.769	91	36360	5.318	ug/l	98
79) 2-Chlorotoluene	12.851	91	19785	5.261	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	23508	5.157	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	1227	4.771	ug/l	98
82) 4-Chlorotoluene	12.951	91	20536	5.311	ug/l	100
83) tert-Butylbenzene	13.169	119	20634	5.231	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	23263	5.196	ug/l	100
85) sec-Butylbenzene	13.351	105	32142	5.364	ug/l	96
86) p-Isopropyltoluene	13.463	119	25388	5.175	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	12798	5.195	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	12809	5.284	ug/l	92
89) n-Butylbenzene	13.792	91	25318	5.296	ug/l	99
90) Hexachloroethane	14.057	117	4672	5.393	ug/l	80
91) 1,2-Dichlorobenzene	13.834	146	10789	5.119	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	589	4.345	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	6922	5.001	ug/l	95
94) Hexachlorobutadiene	15.210	225	3451	5.088	ug/l	98
95) Naphthalene	15.334	128	15623	5.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	5730	4.852	ug/l	97

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

