

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075652.D
 Acq On : 13 Apr 2023 10:20
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/14/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 13 14:07:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	186175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	337744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	387130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	142416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9879	5.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.180%#
35) Dibromofluoromethane	7.805	113	11870	5.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.460%#
50) Toluene-d8	10.269	98	47234	5.192	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.380%#
62) 4-Bromofluorobenzene	12.575	95	11109	4.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.180%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.929	85	8300	4.798	ug/l	84
3) Chloromethane	2.146	50	17558	5.621	ug/l	98
4) Vinyl Chloride	2.281	62	21823	5.265	ug/l	94
5) Bromomethane	2.687	94	18142	5.606	ug/l	99
6) Chloroethane	2.834	64	15468	5.543	ug/l	97
7) Trichlorofluoromethane	3.170	101	17114	5.329	ug/l	97
8) Diethyl Ether	3.587	74	4863	4.865	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.964	101	10534	5.230	ug/l	93
10) Methyl Iodide	4.164	142	12497	4.534	ug/l	91
11) Tert butyl alcohol	5.058	59	2394m	26.993	ug/l	
12) 1,1-Dichloroethene	3.934	96	10544	5.056	ug/l	85
13) Acrolein	3.799	56	4523	25.283	ug/l	96
14) Allyl chloride	4.558	41	9867	5.196	ug/l #	84
15) Acrylonitrile	5.252	53	9199	24.640	ug/l	96
16) Acetone	4.028	43	8847	27.327	ug/l	99
17) Carbon Disulfide	4.264	76	36933	5.412	ug/l	99
18) Methyl Acetate	4.570	43	5625	5.152	ug/l #	64
19) Methyl tert-butyl Ether	5.311	73	18453	4.560	ug/l	93
20) Methylene Chloride	4.799	84	22078	4.630	ug/l #	74
21) trans-1,2-Dichloroethene	5.317	96	12654	5.095	ug/l #	59
22) Diisopropyl ether	6.217	45	20201	4.707	ug/l #	87
23) Vinyl Acetate	6.152	43	35729	17.925	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	18430	5.183	ug/l	97
25) 2-Butanone	7.087	43	10364	24.863	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	18388	5.704	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	13868	5.041	ug/l	84
28) Bromochloromethane	7.428	49	6174	5.493	ug/l #	52
29) Tetrahydrofuran	7.434	42	5061	22.202	ug/l #	48
30) Chloroform	7.593	83	21331	5.291	ug/l	88
31) Cyclohexane	7.875	56	15531	5.601	ug/l #	48
32) 1,1,1-Trichloroethane	7.793	97	16902	5.142	ug/l	93
36) 1,1-Dichloropropene	8.011	75	15814	5.046	ug/l	94
37) Ethyl Acetate	7.169	43	4837	5.072	ug/l #	86
38) Carbon Tetrachloride	7.987	117	13026	4.720	ug/l #	93
39) Methylcyclohexane	9.269	83	15618	4.310	ug/l	94
40) Benzene	8.252	78	49456	5.076	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	2260	4.938	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	11324	5.117	ug/l	94
43) Isopropyl Acetate	8.358	43	7980	4.588	ug/l #	88
44) Trichloroethene	9.028	130	14058	5.099	ug/l	94
45) 1,2-Dichloropropane	9.305	63	11394	5.219	ug/l #	89
46) Dibromomethane	9.393	93	6927	5.001	ug/l	97
47) Bromodichloromethane	9.581	83	16196	5.112	ug/l #	98
48) Methyl methacrylate	9.375	41	3495	4.511	ug/l #	68
49) 1,4-Dioxane	9.387	88	1262	91.838	ug/l #	55
51) 4-Methyl-2-Pentanone	10.157	43	21653	23.351	ug/l #	84
52) Toluene	10.334	92	33421	5.159	ug/l	93
53) t-1,3-Dichloropropene	10.552	75	15749	5.186	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	16831	4.664	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	11232	5.601	ug/l	89
56) Ethyl methacrylate	10.599	69	9249	4.686	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	16315	5.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	16010	18.889	ug/l #	84
59) 2-Hexanone	10.922	43	15518	23.801	ug/l	84
60) Dibromochloromethane	11.075	129	12763	5.439	ug/l	96
61) 1,2-Dibromoethane	11.181	107	10334	5.402	ug/l	96
64) Tetrachloroethene	10.810	164	14040	5.036	ug/l	99
65) Chlorobenzene	11.610	112	41154	4.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	13814	4.846	ug/l	92
67) Ethyl Benzene	11.681	91	57399	4.265	ug/l	94
68) m/p-Xylenes	11.793	106	45424	8.236	ug/l	91
69) o-Xylene	12.122	106	18019	3.613	ug/l	90
70) Styrene	12.134	104	28951	3.596	ug/l	93
71) Bromoform	12.304	173	5364	3.600	ug/l #	94
73) Isopropylbenzene	12.422	105	42702	4.569	ug/l	96
74) N-amyl acetate	12.240	43	6074	4.422	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	9627	5.302	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	5472m	4.406	ug/l	
77) Bromobenzene	12.704	156	11924	4.948	ug/l	92
78) n-propylbenzene	12.763	91	54517	4.758	ug/l	98
79) 2-Chlorotoluene	12.851	91	31382	4.829	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	34071	4.373	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	2362	4.408	ug/l #	81
82) 4-Chlorotoluene	12.951	91	32946	4.876	ug/l	96
83) tert-Butylbenzene	13.169	119	29441	4.481	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	33733	4.314	ug/l	99
85) sec-Butylbenzene	13.346	105	45797	4.518	ug/l	99
86) p-Isopropyltoluene	13.463	119	36673	4.346	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	25069	5.001	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	26086	5.267	ug/l	98
89) n-Butylbenzene	13.787	91	35275	4.538	ug/l	98
90) Hexachloroethane	14.057	117	8759	5.225	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	21225	4.943	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1275	5.238	ug/l	75
93) 1,2,4-Trichlorobenzene	15.098	180	11799	4.723	ug/l	97
94) Hexachlorobutadiene	15.204	225	5744	4.810	ug/l	94
95) Naphthalene	15.334	128	19634	4.148	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	9945	4.523	ug/l	97

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Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

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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

