

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018088.D
 Acq On : 01 May 2024 09:00
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 01 15:59:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 14:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	367830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	590924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	503122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14938	5.152	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.300%#		
35) Dibromofluoromethane	7.710	113	17581	5.177	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.360%#		
50) Toluene-d8	10.179	98	69262	5.224	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.440%#		
62) 4-Bromofluorobenzene	12.483	95	25210	5.526	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	11.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16515	5.625	ug/l	98
3) Chloromethane	2.107	50	20522	5.349	ug/l	99
4) Vinyl Chloride	2.247	62	21267	5.124	ug/l	95
5) Bromomethane	2.650	94	15137	5.908	ug/l	95
6) Chloroethane	2.796	64	13174	5.096	ug/l	99
7) Trichlorofluoromethane	3.125	101	27929	5.054	ug/l	97
8) Diethyl Ether	3.521	74	9264	5.221	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	18517	5.369	ug/l	97
10) Methyl Iodide	4.088	142	20617	4.511	ug/l	97
11) Tert butyl alcohol	4.954	59	6919m	25.159	ug/l	
12) 1,1-Dichloroethene	3.869	96	17969	5.110	ug/l	88
13) Acrolein	3.716	56	9369	26.638	ug/l	93
14) Allyl chloride	4.479	41	23897	5.140	ug/l	95
15) Acrylonitrile	5.155	53	17360	26.048	ug/l	94
16) Acetone	3.948	43	13208	26.155	ug/l	98
17) Carbon Disulfide	4.186	76	53922	5.135	ug/l #	95
18) Methyl Acetate	4.479	43	7897	5.583	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	40416	5.008	ug/l	98
20) Methylene Chloride	4.704	84	23901	6.175	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	17692	4.733	ug/l	96
22) Diisopropyl ether	6.112	45	46612	4.868	ug/l #	94
23) Vinyl Acetate	6.045	43	146355	24.098	ug/l	99
24) 1,1-Dichloroethane	6.003	63	29433	5.090	ug/l	98
25) 2-Butanone	6.984	43	20155	23.455	ug/l	91
26) 2,2-Dichloropropane	6.972	77	28196	5.214	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	23642	5.303	ug/l	91
28) Bromochloromethane	7.332	49	11932	5.106	ug/l	84
29) Tetrahydrofuran	7.344	42	13126	24.028	ug/l	96
30) Chloroform	7.502	83	31139	5.089	ug/l	93
31) Cyclohexane	7.783	56	32201	5.796	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	27451	4.915	ug/l	97
36) 1,1-Dichloropropene	7.911	75	23041	5.083	ug/l	93
37) Ethyl Acetate	7.063	43	8884	4.504	ug/l #	83
38) Carbon Tetrachloride	7.893	117	25252	4.908	ug/l	96
39) Methylcyclohexane	9.179	83	34774	5.223	ug/l	96
40) Benzene	8.155	78	73862	5.071	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed May 01 14:41:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	7272m	5.881	ug/l	
42) 1,2-Dichloroethane	8.234	62	16843	4.991	ug/l	95
43) Isopropyl Acetate	8.271	43	20790	5.017	ug/l	92
44) Trichloroethene	8.941	130	20899	5.059	ug/l	89
45) 1,2-Dichloropropane	9.215	63	16542	5.205	ug/l	93
46) Dibromomethane	9.301	93	9985	5.168	ug/l	97
47) Bromodichloromethane	9.496	83	24534	5.172	ug/l	91
48) Methyl methacrylate	9.289	41	8976	4.731	ug/l	85
49) 1,4-Dioxane	9.313	88	1990	92.830	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	46728	23.086	ug/l	96
52) Toluene	10.240	92	49024	5.085	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	22717	4.956	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	26772	4.972	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	12959	4.987	ug/l	92
56) Ethyl methacrylate	10.508	69	18375	5.001	ug/l	89
57) 1,3-Dichloropropane	10.788	76	20426	4.920	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.782	63	41234	24.040	ug/l #	88
59) 2-Hexanone	10.831	43	31948	22.115	ug/l	98
60) Dibromochloromethane	10.983	129	18043	5.112	ug/l	99
61) 1,2-Dibromoethane	11.087	107	12067	4.846	ug/l	89
64) Tetrachloroethene	10.721	164	18699	5.134	ug/l	93
65) Chlorobenzene	11.514	112	54052	5.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	17975	5.032	ug/l	98
67) Ethyl Benzene	11.593	91	89219	5.010	ug/l	94
68) m/p-Xylenes	11.703	106	71327	9.996	ug/l	95
69) o-Xylene	12.032	106	34153	4.982	ug/l	96
70) Styrene	12.044	104	56848	4.927	ug/l	98
71) Bromoform	12.209	173	10682	5.103	ug/l #	95
73) Isopropylbenzene	12.331	105	87327	5.039	ug/l	97
74) N-amyl acetate	12.148	43	17423	4.581	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	13514	4.901	ug/l	90
76) 1,2,3-Trichloropropane	12.630	75	9987m	2.795	ug/l	
77) Bromobenzene	12.611	156	21161	5.139	ug/l	91
78) n-propylbenzene	12.672	91	100737	5.048	ug/l	96
79) 2-Chlorotoluene	12.758	91	57254	5.052	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	72128	5.164	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	5007	4.720	ug/l	91
82) 4-Chlorotoluene	12.855	91	57980	4.992	ug/l	95
83) tert-Butylbenzene	13.075	119	64209	5.021	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	69562	5.084	ug/l	97
85) sec-Butylbenzene	13.251	105	93719	5.107	ug/l	96
86) p-Isopropyltoluene	13.367	119	77966	5.099	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	41342	5.249	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	40220	5.181	ug/l	96
89) n-Butylbenzene	13.696	91	67183	4.964	ug/l	95
90) Hexachloroethane	13.959	117	16090	5.179	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	34821	5.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2040	4.904	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	18960	4.943	ug/l	96
94) Hexachlorobutadiene	15.111	225	11542	5.436	ug/l	96
95) Naphthalene	15.239	128	33010	4.674	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	15753	4.922	ug/l	97

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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

