

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016888.D
 Acq On : 02 Jan 2024 11:28
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

Quant Time: Jan 02 13:51:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 13:45:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	131887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	226660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	14005	10.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.480%#		
35) Dibromofluoromethane	7.734	113	15001	10.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.780%#		
50) Toluene-d8	10.191	98	50643	10.182	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.360%#		
62) 4-Bromofluorobenzene	12.496	95	17919	10.678	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	21.360%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12687	10.612	ug/l	86
3) Chloromethane	2.119	50	17378	11.217	ug/l	98
4) Vinyl Chloride	2.260	62	20074	10.985	ug/l	100
5) Bromomethane	2.662	94	14753	11.269	ug/l	97
6) Chloroethane	2.802	64	13421	10.857	ug/l	94
7) Trichlorofluoromethane	3.137	101	24643	10.944	ug/l	99
8) Diethyl Ether	3.540	74	7828	10.878	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	16299	11.133	ug/l	99
10) Methyl Iodide	4.107	142	11815	9.486	ug/l	99
11) Tert butyl alcohol	4.960	59	8230	61.792	ug/l	96
12) 1,1-Dichloroethene	3.887	96	13648	10.865	ug/l	98
13) Acrolein	3.741	56	9637	61.875	ug/l	97
14) Allyl chloride	4.491	41	21052	10.601	ug/l	99
15) Acrylonitrile	5.174	53	18410	54.696	ug/l	99
16) Acetone	3.960	43	25890	62.481	ug/l	96
17) Carbon Disulfide	4.210	76	30863	10.283	ug/l	99
18) Methyl Acetate	4.491	43	13998	10.023	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	34117	10.439	ug/l	95
20) Methylene Chloride	4.735	84	31426m	12.992	ug/l	
21) trans-1,2-Dichloroethene	5.241	96	15459	10.745	ug/l	95
22) Diisopropyl ether	6.131	45	47773	10.405	ug/l	97
23) Vinyl Acetate	6.076	43	113579	53.953	ug/l	99
24) 1,1-Dichloroethane	6.033	63	30020	10.881	ug/l	99
25) 2-Butanone	6.996	43	30165	60.459	ug/l	96
26) 2,2-Dichloropropane	6.990	77	25651	10.723	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	17708	10.500	ug/l	95
28) Bromochloromethane	7.350	49	10433	10.073	ug/l	100
29) Tetrahydrofuran	7.362	42	14248	54.005	ug/l	96
30) Chloroform	7.521	83	30854	10.852	ug/l	97
31) Cyclohexane	7.801	56	23936	10.699	ug/l #	87
32) 1,1,1-Trichloroethane	7.716	97	25812	10.707	ug/l	97
36) 1,1-Dichloropropene	7.929	75	21199	10.071	ug/l	99
37) Ethyl Acetate	7.094	43	10631	11.114	ug/l	97
38) Carbon Tetrachloride	7.917	117	22689	10.609	ug/l	96
39) Methylcyclohexane	9.197	83	23106	9.764	ug/l	96
40) Benzene	8.173	78	66061	10.462	ug/l	98

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Quant Title : SW846 8260

QLast Update : Tue Jan 02 13:45:05 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	4889	9.704	ug/l #	64
42) 1,2-Dichloroethane	8.252	62	17856	10.652	ug/l	99
43) Isopropyl Acetate	8.283	43	19176	10.468	ug/l	98
44) Trichloroethene	8.953	130	16665	10.372	ug/l	95
45) 1,2-Dichloropropane	9.228	63	17004	10.453	ug/l	97
46) Dibromomethane	9.319	93	9026	10.879	ug/l	96
47) Bromodichloromethane	9.508	83	23866	10.713	ug/l	95
48) Methyl methacrylate	9.307	41	9747	9.859	ug/l	94
49) 1,4-Dioxane	9.307	88	1607	187.071	ug/l	88
51) 4-Methyl-2-Pentanone	10.081	43	51058	52.410	ug/l	97
52) Toluene	10.258	92	39021	10.240	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	20557	10.301	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	24766	10.334	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	13153	10.852	ug/l	94
56) Ethyl methacrylate	10.520	69	9980	9.721	ug/l	97
57) 1,3-Dichloropropane	10.801	76	21300	10.526	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	26813	56.048	ug/l	98
59) 2-Hexanone	10.843	43	39802	55.486	ug/l	99
60) Dibromochloromethane	10.996	129	14479	10.359	ug/l	98
61) 1,2-Dibromoethane	11.099	107	11001	10.447	ug/l	97
64) Tetrachloroethene	10.734	164	13275	10.579	ug/l	96
65) Chlorobenzene	11.526	112	42238	10.475	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	15616	10.188	ug/l	96
67) Ethyl Benzene	11.605	91	73101	10.070	ug/l	97
68) m/p-Xylenes	11.715	106	53350	20.021	ug/l	99
69) o-Xylene	12.044	106	24331	9.740	ug/l	99
70) Styrene	12.057	104	35250	9.696	ug/l	99
71) Bromoform	12.221	173	7791	10.325	ug/l #	95
73) Isopropylbenzene	12.337	105	67126	9.784	ug/l	99
74) N-amyl acetate	12.154	43	13825	10.030	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	15127	10.821	ug/l	95
76) 1,2,3-Trichloropropane	12.642	75	9899m	10.944	ug/l	
77) Bromobenzene	12.617	156	15203	10.065	ug/l	97
78) n-propylbenzene	12.684	91	83663	10.031	ug/l	100
79) 2-Chlorotoluene	12.764	91	47007	10.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	53711	9.899	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	4071	10.139	ug/l	95
82) 4-Chlorotoluene	12.867	91	49005	10.371	ug/l	99
83) tert-Butylbenzene	13.087	119	47202	9.877	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	53040	9.926	ug/l	99
85) sec-Butylbenzene	13.264	105	71352	10.076	ug/l	100
86) p-Isopropyltoluene	13.379	119	58138	9.948	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	29664	10.013	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	30171	10.413	ug/l	98
89) n-Butylbenzene	13.709	91	56050	9.975	ug/l	99
90) Hexachloroethane	13.971	117	12815	10.204	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	26168	10.221	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1886	10.759	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	11977	9.421	ug/l	100
94) Hexachlorobutadiene	15.123	225	8139	10.220	ug/l	96
95) Naphthalene	15.245	128	20094	9.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	10414	9.647	ug/l	100

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

