

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017087.D
 Acq On : 24 Jan 2024 11:26
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 04:20:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	141510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	237300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	203119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	87717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	28389	20.590	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.180%#		
35) Dibromofluoromethane	7.734	113	29604	20.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.340%#		
50) Toluene-d8	10.197	98	109317	20.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.420%#		
62) 4-Bromofluorobenzene	12.495	95	33143	19.889	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27019	23.409	ug/l	99
3) Chloromethane	2.119	50	43828	21.797	ug/l	97
4) Vinyl Chloride	2.260	62	48117	20.839	ug/l	100
5) Bromomethane	2.656	94	34662	20.563	ug/l	96
6) Chloroethane	2.802	64	30098	20.222	ug/l	98
7) Trichlorofluoromethane	3.137	101	50227	19.400	ug/l	99
8) Diethyl Ether	3.540	74	15813	19.395	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	31182	19.700	ug/l	98
10) Methyl Iodide	4.107	142	29723	19.766	ug/l	98
11) Tert butyl alcohol	4.985	59	10508	98.734	ug/l	99
12) 1,1-Dichloroethene	3.887	96	28133	19.417	ug/l	97
13) Acrolein	3.747	56	16623	100.530	ug/l	97
14) Allyl chloride	4.497	41	42649	19.475	ug/l	99
15) Acrylonitrile	5.186	53	34354	97.084	ug/l	98
16) Acetone	3.967	43	51397	120.520	ug/l	98
17) Carbon Disulfide	4.210	76	86300	19.762	ug/l	98
18) Methyl Acetate	4.491	43	26458	18.706	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	66816	18.898	ug/l	98
20) Methylene Chloride	4.741	84	33769	18.159	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	32660	19.488	ug/l	99
22) Diisopropyl ether	6.137	45	95242	19.702	ug/l	98
23) Vinyl Acetate	6.082	43	229224	97.754	ug/l	100
24) 1,1-Dichloroethane	6.039	63	57443	19.482	ug/l	99
25) 2-Butanone	7.003	43	60170	107.949	ug/l	95
26) 2,2-Dichloropropane	7.003	77	47962	19.045	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	35836	19.296	ug/l	99
28) Bromochloromethane	7.350	49	22175	18.891	ug/l	100
29) Tetrahydrofuran	7.368	42	28089	100.470	ug/l	97
30) Chloroform	7.527	83	58174	19.376	ug/l	100
31) Cyclohexane	7.801	56	52100	19.373	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	48770	18.943	ug/l	98
36) 1,1-Dichloropropene	7.935	75	45515	19.315	ug/l	100
37) Ethyl Acetate	7.094	43	20994	20.720	ug/l	99
38) Carbon Tetrachloride	7.923	117	43688	18.919	ug/l	98
39) Methylcyclohexane	9.203	83	53875	19.009	ug/l	98
40) Benzene	8.179	78	132952	19.428	ug/l	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M

Quant Title : SW846 8260

QLast Update : Thu Jan 25 04:13:31 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9764	18.018	ug/l	89
42) 1,2-Dichloroethane	8.252	62	34470	19.429	ug/l	100
43) Isopropyl Acetate	8.289	43	36062	19.065	ug/l	99
44) Trichloroethene	8.953	130	33633	19.162	ug/l	97
45) 1,2-Dichloropropane	9.234	63	32739	19.491	ug/l	100
46) Dibromomethane	9.325	93	17344	19.443	ug/l	99
47) Bromodichloromethane	9.514	83	43553	19.191	ug/l	95
48) Methyl methacrylate	9.307	41	20842	19.845	ug/l	99
49) 1,4-Dioxane	9.319	88	3363	383.319	ug/l	97
51) 4-Methyl-2-Pentanone	10.087	43	99589	98.974	ug/l	100
52) Toluene	10.258	92	80122	19.343	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	38685	18.660	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	48800	19.139	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	23432	18.794	ug/l	99
56) Ethyl methacrylate	10.526	69	20677	18.965	ug/l	97
57) 1,3-Dichloropropane	10.807	76	40662	19.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	71270	94.173	ug/l	100
59) 2-Hexanone	10.843	43	84234	109.730	ug/l	99
60) Dibromochloromethane	10.996	129	27518	18.998	ug/l	99
61) 1,2-Dibromoethane	11.105	107	21445	18.934	ug/l	97
64) Tetrachloroethene	10.734	164	26522	18.733	ug/l	96
65) Chlorobenzene	11.532	112	81766	18.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	29981	19.069	ug/l	99
67) Ethyl Benzene	11.605	91	147780	18.886	ug/l	98
68) m/p-Xylenes	11.715	106	111500	37.926	ug/l	100
69) o-Xylene	12.044	106	50744	19.001	ug/l	99
70) Styrene	12.057	104	73904	19.062	ug/l	98
71) Bromoform	12.221	173	14985	19.007	ug/l #	100
73) Isopropylbenzene	12.343	105	138644	19.227	ug/l	100
74) N-amyl acetate	12.154	43	28212	19.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	26899	19.562	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	23593m	14.228	ug/l	
77) Bromobenzene	12.624	156	29919	19.175	ug/l	98
78) n-propylbenzene	12.684	91	168235	19.397	ug/l	100
79) 2-Chlorotoluene	12.770	91	91636	19.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	111409	19.521	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7760	18.869	ug/l	99
82) 4-Chlorotoluene	12.867	91	94535	19.165	ug/l	99
83) tert-Butylbenzene	13.087	119	92235	18.685	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	108617	19.149	ug/l	97
85) sec-Butylbenzene	13.270	105	139494	19.084	ug/l	100
86) p-Isopropyltoluene	13.386	119	115028	18.892	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	58666	19.044	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	58212	19.206	ug/l	99
89) n-Butylbenzene	13.709	91	111891	19.052	ug/l	98
90) Hexachloroethane	13.977	117	23942	18.866	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	50524	19.205	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3316	18.882	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	24526	17.840	ug/l	97
94) Hexachlorobutadiene	15.129	225	15039	18.176	ug/l	98
95) Naphthalene	15.251	128	42346	17.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	19899	17.398	ug/l	98

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

