

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020318.D
 Acq On : 17 Nov 2024 12:08
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 18 01:49:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 01:33:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda 11/18/2024
 Supervised By :Semsettin
 Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	316872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	429067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	393542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	154242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	31446	9.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.040%#
35) Dibromofluoromethane	7.640	113	35837	11.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.940%#
50) Toluene-d8	10.109	98	106532	9.858	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.720%#
62) 4-Bromofluorobenzene	12.408	95	35709	10.873	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	21.740%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	21051	8.781	ug/l	99
3) Chloromethane	2.074	50	36958	8.957	ug/l	93
4) Vinyl Chloride	2.208	62	41776	9.172	ug/l	99
5) Bromomethane	2.604	94	27837	10.089	ug/l	98
6) Chloroethane	2.739	64	27210	9.511	ug/l	98
7) Trichlorofluoromethane	3.068	101	62706	10.041	ug/l	99
8) Diethyl Ether	3.464	74	12499	8.174	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	26481	8.689	ug/l	96
10) Methyl Iodide	4.013	142	25828	8.322	ug/l	96
11) Tert butyl alcohol	4.878	59	7451m	39.453	ug/l	
12) 1,1-Dichloroethene	3.793	96	26297	8.823	ug/l	96
13) Acrolein	3.659	56	14024	45.209	ug/l	96
14) Allyl chloride	4.397	41	44763	8.566	ug/l	96
15) Acrylonitrile	5.067	53	28930	42.048	ug/l	97
16) Acetone	3.879	43	32177	39.775	ug/l	99
17) Carbon Disulfide	4.116	76	79831	8.498	ug/l	98
18) Methyl Acetate	4.403	43	13477	8.154	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	62995	8.241	ug/l	95
20) Methylene Chloride	4.622	84	31874	9.599	ug/l #	92
21) trans-1,2-Dichloroethene	5.122	96	29687	8.832	ug/l	100
22) Diisopropyl ether	6.025	45	96584	8.088	ug/l	97
23) Vinyl Acetate	5.970	43	258645	38.158	ug/l	100
24) 1,1-Dichloroethane	5.927	63	56993	8.076	ug/l	98
25) 2-Butanone	6.902	43	52135	44.825	ug/l	99
26) 2,2-Dichloropropane	6.902	77	54432	9.211	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	39194	9.339	ug/l	96
28) Bromochloromethane	7.244	49	37634	11.490	ug/l #	99
29) Tetrahydrofuran	7.274	42	35745	50.434	ug/l	97
30) Chloroform	7.427	83	79447	10.229	ug/l	93
31) Cyclohexane	7.707	56	73910	10.444	ug/l #	84
32) 1,1,1-Trichloroethane	7.622	97	68090	9.824	ug/l	99
36) 1,1-Dichloropropene	7.841	75	53835	11.906	ug/l	99
37) Ethyl Acetate	6.988	43	26150	12.347	ug/l	97
38) Carbon Tetrachloride	7.823	117	56398	11.581	ug/l	93
39) Methylcyclohexane	9.109	83	61368	10.446	ug/l	90
40) Benzene	8.085	78	133423	10.542	ug/l	99

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41) Methacrylonitrile	7.250	41	16437m	13.635	ug/l	
42) 1,2-Dichloroethane	8.158	62	35688	10.505	ug/l	97
43) Isopropyl Acetate	8.207	43	37902	10.143	ug/l	97
44) Trichloroethene	8.866	130	29679	9.479	ug/l	91
45) 1,2-Dichloropropane	9.140	63	32882	10.601	ug/l	96
46) Dibromomethane	9.231	93	15311	9.268	ug/l	99
47) Bromodichloromethane	9.426	83	43820	9.452	ug/l	90
48) Methyl methacrylate	9.225	41	16540	8.823	ug/l	99
49) 1,4-Dioxane	9.237	88	3381	198.160	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	94752	44.882	ug/l	97
52) Toluene	10.170	92	76442	9.707	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	48836	11.191	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	50652	10.480	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	26642	11.324	ug/l	94
56) Ethyl methacrylate	10.438	69	34457	10.246	ug/l	98
57) 1,3-Dichloropropane	10.719	76	47145	11.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	63113	46.001	ug/l	98
59) 2-Hexanone	10.762	43	83194	51.530	ug/l	99
60) Dibromochloromethane	10.908	129	33626	11.593	ug/l	96
61) 1,2-Dibromoethane	11.018	107	20239	10.206	ug/l	100
64) Tetrachloroethene	10.652	164	37025	11.278	ug/l	98
65) Chlorobenzene	11.444	112	81142	9.314	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	26609	9.359	ug/l	99
67) Ethyl Benzene	11.517	91	145230	9.047	ug/l	100
68) m/p-Xylenes	11.633	106	107716	18.494	ug/l	98
69) o-Xylene	11.956	106	54750	9.984	ug/l	96
70) Styrene	11.969	104	88252	9.500	ug/l	99
71) Bromoform	12.133	173	13600	9.221	ug/l #	98
73) Isopropylbenzene	12.255	105	141723	10.233	ug/l	99
74) N-amyl acetate	12.072	43	28785	8.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	21959	9.655	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	17464m	9.999	ug/l	
77) Bromobenzene	12.536	156	28911	10.248	ug/l	96
78) n-propylbenzene	12.597	91	167910	10.035	ug/l	98
79) 2-Chlorotoluene	12.682	91	104578	10.962	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	126955	11.159	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6500	8.848	ug/l	94
82) 4-Chlorotoluene	12.779	91	110574	11.254	ug/l	98
83) tert-Butylbenzene	12.999	119	107536	10.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	108987	9.889	ug/l	99
85) sec-Butylbenzene	13.176	105	148335	10.213	ug/l	98
86) p-Isopropyltoluene	13.292	119	112642	9.782	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	55350	9.969	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	54057	9.752	ug/l	96
89) n-Butylbenzene	13.621	91	118273	9.662	ug/l	98
90) Hexachloroethane	13.883	117	24056	10.034	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	51142	9.983	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3181	9.156	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	28508	10.299	ug/l	96
94) Hexachlorobutadiene	15.023	225	13522	9.081	ug/l	95
95) Naphthalene	15.151	128	36747	7.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	25135	11.235	ug/l	98

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

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