

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018349.D
 Acq On : 22 May 2024 15:03
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: May 23 01:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:01:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	152342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	256476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	219541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29507	20.444	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.880%#		
35) Dibromofluoromethane	7.704	113	31798	21.260	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.520%#		
50) Toluene-d8	10.173	98	124143	21.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	42.580%#		
62) 4-Bromofluorobenzene	12.477	95	38765	21.515	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	43.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	26016	20.008	ug/l	100
3) Chloromethane	2.101	50	42829	20.269	ug/l	98
4) Vinyl Chloride	2.241	62	44667	18.895	ug/l	97
5) Bromomethane	2.631	94	34985	20.700	ug/l	97
6) Chloroethane	2.784	64	30220	19.694	ug/l	94
7) Trichlorofluoromethane	3.107	101	52152	19.659	ug/l	93
8) Diethyl Ether	3.515	74	16313	19.258	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	30769	18.800	ug/l	97
10) Methyl Iodide	4.076	142	28773	17.482	ug/l	96
11) Tert butyl alcohol	4.924	59	18454	113.887	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	29613	18.371	ug/l	93
13) Acrolein	3.716	56	14134	110.122	ug/l	99
14) Allyl chloride	4.460	41	40694	18.076	ug/l	97
15) Acrylonitrile	5.149	53	35179	96.017	ug/l	98
16) Acetone	3.930	43	27300	91.964	ug/l #	85
17) Carbon Disulfide	4.180	76	78737	17.492	ug/l	98
18) Methyl Acetate	4.460	43	15012	19.079	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	75988	19.660	ug/l	95
20) Methylene Chloride	4.704	84	40061	20.591	ug/l #	92
21) trans-1,2-Dichloroethene	5.204	96	32417	19.064	ug/l	95
22) Diisopropyl ether	6.106	45	88058	18.823	ug/l	95
23) Vinyl Acetate	6.045	43	285550	95.324	ug/l	100
24) 1,1-Dichloroethane	5.997	63	54024	18.830	ug/l	98
25) 2-Butanone	6.972	43	46057	97.905	ug/l #	88
26) 2,2-Dichloropropane	6.966	77	47208	19.034	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	39090	19.563	ug/l	97
28) Bromochloromethane	7.326	49	18969	19.467	ug/l	98
29) Tetrahydrofuran	7.338	42	29957	96.749	ug/l	93
30) Chloroform	7.496	83	56534	19.332	ug/l	99
31) Cyclohexane	7.771	56	48068	17.269	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	50268	19.584	ug/l	99
36) 1,1-Dichloropropene	7.911	75	41241	19.014	ug/l	100
37) Ethyl Acetate	7.063	43	21534	20.754	ug/l	96
38) Carbon Tetrachloride	7.886	117	42922	19.321	ug/l	99
39) Methylcyclohexane	9.179	83	56577	18.699	ug/l	98
40) Benzene	8.149	78	128950	19.502	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	10449m	18.213	ug/l	
42) 1,2-Dichloroethane	8.228	62	31487	19.797	ug/l	96
43) Isopropyl Acetate	8.264	43	40254	19.883	ug/l	94
44) Trichloroethene	8.935	130	34952	20.622	ug/l	92
45) 1,2-Dichloropropane	9.209	63	28682	19.287	ug/l	98
46) Dibromomethane	9.295	93	17629	20.202	ug/l	99
47) Bromodichloromethane	9.490	83	41812	19.743	ug/l	97
48) Methyl methacrylate	9.283	41	18911	20.651	ug/l	88
49) 1,4-Dioxane	9.301	88	4701	415.210	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	103379	101.180	ug/l	94
52) Toluene	10.240	92	83694	20.192	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	38437	19.852	ug/l	91
54) cis-1,3-Dichloropropene	9.923	75	46065	19.416	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	24097	20.844	ug/l	97
56) Ethyl methacrylate	10.502	69	33142	20.900	ug/l #	89
57) 1,3-Dichloropropane	10.782	76	38588	19.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	58080	81.057	ug/l	98
59) 2-Hexanone	10.825	43	73015	103.855	ug/l	95
60) Dibromochloromethane	10.977	129	29466	21.102	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22331	20.934	ug/l	99
64) Tetrachloroethene	10.715	164	31627	20.308	ug/l	99
65) Chlorobenzene	11.514	112	92367	20.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	29957	20.880	ug/l	98
67) Ethyl Benzene	11.587	91	159179	19.986	ug/l	98
68) m/p-Xylenes	11.697	106	124606	40.662	ug/l	98
69) o-Xylene	12.026	106	59698	20.643	ug/l	97
70) Styrene	12.038	104	98347	20.573	ug/l	99
71) Bromoform	12.203	173	15796	20.815	ug/l #	98
73) Isopropylbenzene	12.325	105	154293	19.823	ug/l	99
74) N-amyl acetate	12.142	43	35521	19.560	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	27353	20.624	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	16488m	17.907	ug/l	
77) Bromobenzene	12.605	156	34247	20.089	ug/l	98
78) n-propylbenzene	12.666	91	183122	19.648	ug/l	100
79) 2-Chlorotoluene	12.751	91	99155	19.651	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	121730	19.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8905	20.585	ug/l	98
82) 4-Chlorotoluene	12.849	91	101580	19.856	ug/l	98
83) tert-Butylbenzene	13.068	119	112819	19.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	121201	20.148	ug/l	99
85) sec-Butylbenzene	13.251	105	169689	20.293	ug/l	100
86) p-Isopropyltoluene	13.367	119	137235	20.064	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	68656	20.452	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	68048	20.366	ug/l	98
89) n-Butylbenzene	13.690	91	127223	19.793	ug/l	98
90) Hexachloroethane	13.959	117	25574	20.247	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	61227	21.019	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3740	20.560	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	34851	21.004	ug/l	98
94) Hexachlorobutadiene	15.111	225	17873	21.049	ug/l	98
95) Naphthalene	15.233	128	70716	21.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	30550	21.657	ug/l	98

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

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