

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017471.D
 Acq On : 23 Feb 2024 17:57
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 24 04:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	241922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145911	87.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 175.380%#			
35) Dibromofluoromethane	7.722	113	166488	88.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 176.780%#			
50) Toluene-d8	10.185	98	629931	95.651	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 191.300%#			
62) 4-Bromofluorobenzene	12.483	95	203516	98.330	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 196.660%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	106458	82.203	ug/l	98
3) Chloromethane	2.107	50	197177	83.328	ug/l	98
4) Vinyl Chloride	2.247	62	257588	84.854	ug/l	99
5) Bromomethane	2.638	94	204831	82.799	ug/l	97
6) Chloroethane	2.784	64	166180	86.777	ug/l	98
7) Trichlorofluoromethane	3.113	101	272249	87.995	ug/l	93
8) Diethyl Ether	3.528	74	84013	92.582	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	154758	86.962	ug/l	99
10) Methyl Iodide	4.082	142	197466	98.872	ug/l	100
11) Tert butyl alcohol	4.960	59	53699	379.937	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	150154	90.536	ug/l	97
13) Acrolein	3.723	56	92655	496.839	ug/l	99
14) Allyl chloride	4.473	41	184537	92.086	ug/l	97
15) Acrylonitrile	5.155	53	171400	459.477	ug/l	100
16) Acetone	3.942	43	139178	431.257	ug/l	97
17) Carbon Disulfide	4.192	76	440037	88.395	ug/l	98
18) Methyl Acetate	4.473	43	74779	95.509	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	372254	96.299	ug/l	99
20) Methylene Chloride	4.710	84	168998	93.944	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	177517	91.416	ug/l	99
22) Diisopropyl ether	6.119	45	432291	93.483	ug/l	98
23) Vinyl Acetate	6.058	43	1330409	482.806	ug/l	98
24) 1,1-Dichloroethane	6.015	63	284415	90.026	ug/l	99
25) 2-Butanone	6.984	43	215665	468.913	ug/l	97
26) 2,2-Dichloropropane	6.978	77	241717	91.002	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	204364	93.732	ug/l	97
28) Bromochloromethane	7.338	49	119366	95.936	ug/l	95
29) Tetrahydrofuran	7.350	42	132868	479.241	ug/l	98
30) Chloroform	7.509	83	302736	90.005	ug/l	100
31) Cyclohexane	7.789	56	238563	88.102	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	263143	90.112	ug/l	98
36) 1,1-Dichloropropene	7.917	75	234819	92.398	ug/l	100
37) Ethyl Acetate	7.076	43	91375	91.034	ug/l #	97
38) Carbon Tetrachloride	7.905	117	237971	93.431	ug/l	98
39) Methylcyclohexane	9.185	83	295467	96.742	ug/l	99
40) Benzene	8.161	78	701789	92.987	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	45222	89.780	ug/l	95
42) 1,2-Dichloroethane	8.240	62	169313	91.947	ug/l	98
43) Isopropyl Acetate	8.277	43	171408	97.178	ug/l	99
44) Trichloroethene	8.941	130	200111	91.991	ug/l	100
45) 1,2-Dichloropropane	9.222	63	166420	92.683	ug/l	98
46) Dibromomethane	9.307	93	96425	93.833	ug/l	97
47) Bromodichloromethane	9.496	83	234315	93.908	ug/l	98
48) Methyl methacrylate	9.295	41	82244	100.734	ug/l	96
49) 1,4-Dioxane	9.301	88	23198	1994.709	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	480137	488.418	ug/l	98
52) Toluene	10.246	92	454383	95.502	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	228343	98.596	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	269569	95.793	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	136166	93.326	ug/l	97
56) Ethyl methacrylate	10.514	69	170368	92.637	ug/l	98
57) 1,3-Dichloropropane	10.795	76	223416	94.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	444741	528.237	ug/l	98
59) 2-Hexanone	10.837	43	337160	499.324	ug/l	98
60) Dibromochloromethane	10.990	129	166188	96.283	ug/l	99
61) 1,2-Dibromoethane	11.093	107	128862	95.840	ug/l	99
64) Tetrachloroethene	10.721	164	206547	88.951	ug/l	98
65) Chlorobenzene	11.520	112	473015	92.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	183128	95.194	ug/l	99
67) Ethyl Benzene	11.599	91	876389	97.317	ug/l	97
68) m/p-Xylenes	11.703	106	691367	195.378	ug/l	99
69) o-Xylene	12.032	106	325655	99.197	ug/l	98
70) Styrene	12.044	104	549051	100.757	ug/l	98
71) Bromoform	12.209	173	104045	97.600	ug/l #	99
73) Isopropylbenzene	12.331	105	837716	95.072	ug/l	100
74) N-amyl acetate	12.148	43	158326	101.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	144709	95.637	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	96617m	85.736	ug/l	
77) Bromobenzene	12.611	156	198925	93.223	ug/l	96
78) n-propylbenzene	12.672	91	998552	94.445	ug/l	99
79) 2-Chlorotoluene	12.758	91	545741	92.194	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	674823	95.592	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46818	95.462	ug/l	97
82) 4-Chlorotoluene	12.861	91	558947	92.319	ug/l	97
83) tert-Butylbenzene	13.081	119	602114	97.131	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	678499	97.355	ug/l	100
85) sec-Butylbenzene	13.258	105	896828	94.626	ug/l	99
86) p-Isopropyltoluene	13.373	119	766138	98.749	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	400389	93.481	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	379129	91.048	ug/l	99
89) n-Butylbenzene	13.697	91	679940	96.057	ug/l	100
90) Hexachloroethane	13.965	117	143567	92.301	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	339871	93.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19518	91.755	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	189539	99.047	ug/l	100
94) Hexachlorobutadiene	15.117	225	105611	89.389	ug/l	98
95) Naphthalene	15.239	128	351110	91.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	160392	97.702	ug/l	100

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

