

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016725.D
 Acq On : 20 Dec 2023 15:24
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Dec 21 00:50:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	175771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	298690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	254897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	110310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15209	9.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.960%#
35) Dibromofluoromethane	7.734	113	16026	9.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	18.740%#
50) Toluene-d8	10.191	98	54959	8.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	17.820%#
62) 4-Bromofluorobenzene	12.489	95	18025	9.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.020%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	16397	10.916	ug/l	93
3) Chloromethane	2.113	50	24791	10.737	ug/l	98
4) Vinyl Chloride	2.259	62	27274	10.458	ug/l	100
5) Bromomethane	2.662	94	19174	10.322	ug/l	95
6) Chloroethane	2.802	64	17582	9.949	ug/l	100
7) Trichlorofluoromethane	3.131	101	30271	9.964	ug/l	97
8) Diethyl Ether	3.540	74	9574	9.851	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	19130	10.265	ug/l	96
10) Methyl Iodide	4.107	142	18615	9.585	ug/l	99
11) Tert butyl alcohol	4.991	59	6642	50.542	ug/l #	86
12) 1,1-Dichloroethene	3.887	96	16360	9.859	ug/l	86
13) Acrolein	3.747	56	5666	50.785	ug/l	94
14) Allyl chloride	4.497	41	24378	9.592	ug/l	99
15) Acrylonitrile	5.180	53	19331	46.968	ug/l	98
16) Acetone	3.966	43	23226	53.528	ug/l	100
17) Carbon Disulfide	4.210	76	43425	9.618	ug/l	99
18) Methyl Acetate	4.503	43	14815	8.737	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	39560	9.265	ug/l	96
20) Methylene Chloride	4.735	84	28610	10.286	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	18127	9.578	ug/l	98
22) Diisopropyl ether	6.131	45	54783	9.527	ug/l	96
23) Vinyl Acetate	6.076	43	130066	47.827	ug/l	99
24) 1,1-Dichloroethane	6.027	63	34052	9.858	ug/l	99
25) 2-Butanone	7.003	43	30494	51.044	ug/l	98
26) 2,2-Dichloropropane	6.996	77	29720	9.860	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	20749	9.526	ug/l	96
28) Bromochloromethane	7.344	49	14345	10.493	ug/l	100
29) Tetrahydrofuran	7.362	42	15157	46.400	ug/l	96
30) Chloroform	7.515	83	34471	9.749	ug/l	99
31) Cyclohexane	7.795	56	31565	10.267	ug/l #	87
32) 1,1,1-Trichloroethane	7.716	97	30238	9.742	ug/l	98
36) 1,1-Dichloropropene	7.929	75	26345	9.605	ug/l	99
37) Ethyl Acetate	7.088	43	11767	9.802	ug/l	99
38) Carbon Tetrachloride	7.911	117	26549	9.781	ug/l	97
39) Methylcyclohexane	9.191	83	28859	9.113	ug/l	95
40) Benzene	8.173	78	77324	9.687	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.320	41	5253	8.415	ug/l	#	87
42) 1,2-Dichloroethane	8.246	62	20152	9.677	ug/l		97
43) Isopropyl Acetate	8.283	43	21412	9.377	ug/l		99
44) Trichloroethene	8.947	130	20146	9.889	ug/l		94
45) 1,2-Dichloropropane	9.228	63	19783	9.880	ug/l		97
46) Dibromomethane	9.313	93	10013	9.680	ug/l		98
47) Bromodichloromethane	9.502	83	26607	9.759	ug/l		93
48) Methyl methacrylate	9.301	41	11278	8.806	ug/l		96
49) 1,4-Dioxane	9.325	88	1895	188.752	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.081	43	55942	45.980	ug/l		99
52) Toluene	10.252	92	45339	9.478	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	23248	9.352	ug/l		96
54) cis-1,3-Dichloropropene	9.935	75	28502	9.505	ug/l		95
55) 1,1,2-Trichloroethane	10.654	97	14445	9.788	ug/l		97
56) Ethyl methacrylate	10.520	69	10990	8.469	ug/l		94
57) 1,3-Dichloropropane	10.801	76	24606	9.816	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.795	63	30689	51.768	ug/l		99
59) 2-Hexanone	10.843	43	44365	48.903	ug/l		98
60) Dibromochloromethane	10.990	129	16561	9.700	ug/l		98
61) 1,2-Dibromoethane	11.099	107	12573	9.500	ug/l		96
64) Tetrachloroethene	10.727	164	15254	9.634	ug/l		98
65) Chlorobenzene	11.526	112	48141	9.613	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.599	131	17968	9.536	ug/l		98
67) Ethyl Benzene	11.599	91	86032	9.333	ug/l		97
68) m/p-Xylenes	11.709	106	63512	18.659	ug/l		99
69) o-Xylene	12.038	106	28417	9.100	ug/l		99
70) Styrene	12.050	104	42081	9.107	ug/l		99
71) Bromoform	12.215	173	9102	9.689	ug/l	#	99
73) Isopropylbenzene	12.337	105	78085	9.089	ug/l		99
74) N-amyl acetate	12.154	43	15649	8.655	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.593	83	16637	9.691	ug/l		98
76) 1,2,3-Trichloropropane	12.642	75	11001m	9.007	ug/l		
77) Bromobenzene	12.617	156	17739	9.465	ug/l		99
78) n-propylbenzene	12.684	91	96222	9.244	ug/l		99
79) 2-Chlorotoluene	12.764	91	54004	9.376	ug/l		100
80) 1,3,5-Trimethylbenzene	12.825	105	62424	9.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	4863	9.365	ug/l		96
82) 4-Chlorotoluene	12.867	91	56168	9.506	ug/l		99
83) tert-Butylbenzene	13.087	119	55747	9.424	ug/l		98
84) 1,2,4-Trimethylbenzene	13.129	105	61779	9.213	ug/l		97
85) sec-Butylbenzene	13.264	105	82738	9.443	ug/l		100
86) p-Isopropyltoluene	13.379	119	66896	9.168	ug/l		99
87) 1,3-Dichlorobenzene	13.379	146	34994	9.554	ug/l		98
88) 1,4-Dichlorobenzene	13.459	146	34915	9.762	ug/l		98
89) n-Butylbenzene	13.709	91	64090	9.188	ug/l		99
90) Hexachloroethane	13.971	117	14938	9.832	ug/l		94
91) 1,2-Dichlorobenzene	13.751	146	29915	9.587	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2071	9.306	ug/l		95
93) 1,2,4-Trichlorobenzene	15.019	180	14720	8.891	ug/l		98
94) Hexachlorobutadiene	15.123	225	9009	9.580	ug/l		97
95) Naphthalene	15.245	128	25520	10.239	ug/l		99
96) 1,2,3-Trichlorobenzene	15.434	180	12677	8.990	ug/l		96

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

12/21/2023
 Supervised By :Semsettin
 Yesilyurt

12/21/2023

