

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016253.D
 Acq On : 08 Nov 2023 08:59
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
 Supervised By :Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 00:27:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:22:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	167284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	278278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	236127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	7688	5.028	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	10.060%#	
35) Dibromofluoromethane	7.728	113	7910	5.004	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	10.000%#	
50) Toluene-d8	10.191	98	30918	4.823	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	9.640%#	
62) 4-Bromofluorobenzene	12.495	95	10155	4.877	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	9.760%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	9087	5.548	ug/l	97
3) Chloromethane	2.119	50	10902	5.683	ug/l	99
4) Vinyl Chloride	2.253	62	11074	5.368	ug/l	94
5) Bromomethane	2.661	94	7556	5.574	ug/l	88
6) Chloroethane	2.802	64	7051	5.357	ug/l	94
7) Trichlorofluoromethane	3.131	101	15824	5.273	ug/l	98
8) Diethyl Ether	3.533	74	4323	4.820	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	9710	5.372	ug/l	94
10) Methyl Iodide	4.106	142	9387	4.808	ug/l	97
11) Tert butyl alcohol	4.972	59	3273	27.338	ug/l #	91
12) 1,1-Dichloroethene	3.887	96	8675	5.132	ug/l	79
13) Acrolein	3.741	56	3324	23.018	ug/l	98
14) Allyl chloride	4.490	41	12105	5.046	ug/l #	94
15) Acrylonitrile	5.185	53	8697	24.433	ug/l	95
16) Acetone	3.954	43	7338	29.015	ug/l	100
17) Carbon Disulfide	4.210	76	26663	5.228	ug/l	100
18) Methyl Acetate	4.490	43	6436	4.789	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	19602	4.791	ug/l	99
20) Methylene Chloride	4.728	84	13629	4.458	ug/l #	85
21) trans-1,2-Dichloroethene	5.234	96	10287	5.285	ug/l	84
22) Diisopropyl ether	6.130	45	25227	4.880	ug/l #	91
23) Vinyl Acetate	6.075	43	58116	23.200	ug/l	96
24) 1,1-Dichloroethane	6.033	63	16641	5.218	ug/l	96
25) 2-Butanone	6.996	43	11218	25.325	ug/l	95
26) 2,2-Dichloropropane	6.990	77	14602	5.030	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	10748	5.124	ug/l	92
28) Bromochloromethane	7.350	49	5931	5.025	ug/l	92
29) Tetrahydrofuran	7.356	42	6607	22.566	ug/l #	89
30) Chloroform	7.520	83	17652	5.317	ug/l	90
31) Cyclohexane	7.795	56	16940	5.628	ug/l #	77
32) 1,1,1-Trichloroethane	7.715	97	15809	5.195	ug/l	98
36) 1,1-Dichloropropene	7.929	75	13891	5.061	ug/l	97
37) Ethyl Acetate	7.094	43	5297	4.776	ug/l #	91
38) Carbon Tetrachloride	7.917	117	14219	4.991	ug/l	94
39) Methylcyclohexane	9.197	83	16915	4.945	ug/l	89
40) Benzene	8.173	78	38990	5.056	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	2352	4.206	ug/l	92
42) 1,2-Dichloroethane	8.252	62	9818	4.913	ug/l	91
43) Isopropyl Acetate	8.289	43	9855	4.597	ug/l #	88
44) Trichloroethene	8.953	130	11434	5.159	ug/l	99
45) 1,2-Dichloropropane	9.227	63	9339	5.042	ug/l	99
46) Dibromomethane	9.313	93	4964	4.946	ug/l	94
47) Bromodichloromethane	9.508	83	13156	5.099	ug/l	95
48) Methyl methacrylate	9.307	41	5166	4.360	ug/l #	85
49) 1,4-Dioxane	9.313	88	909	85.310	ug/l #	66
51) 4-Methyl-2-Pentanone	10.081	43	24629	22.719	ug/l	90
52) Toluene	10.258	92	24776	5.082	ug/l	91
53) t-1,3-Dichloropropene	10.477	75	11969	4.785	ug/l	95
54) cis-1,3-Dichloropropene	9.941	75	14373	4.811	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	6556	4.739	ug/l	96
56) Ethyl methacrylate	10.520	69	5591	4.282	ug/l #	87
57) 1,3-Dichloropropane	10.800	76	11682	4.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	17683	19.971	ug/l	94
59) 2-Hexanone	10.843	43	19506	24.190	ug/l	91
60) Dibromochloromethane	10.995	129	8241	4.763	ug/l	99
61) 1,2-Dibromoethane	11.105	107	6283	4.767	ug/l	98
64) Tetrachloroethene	10.733	164	10850	5.117	ug/l	96
65) Chlorobenzene	11.526	112	25816	5.117	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	9279	4.987	ug/l	98
67) Ethyl Benzene	11.605	91	44843	4.946	ug/l	99
68) m/p-Xylenes	11.715	106	33553	9.757	ug/l	97
69) o-Xylene	12.038	106	15193	4.758	ug/l	100
70) Styrene	12.056	104	21442	4.690	ug/l	98
71) Bromoform	12.221	173	4679	4.846	ug/l #	98
73) Isopropylbenzene	12.343	105	42060	4.980	ug/l	100
74) N-amyl acetate	12.154	43	7419	4.374	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	6797	5.016	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	5056m	4.737	ug/l	
77) Bromobenzene	12.623	156	9561	5.009	ug/l	96
78) n-propylbenzene	12.684	91	50585	5.069	ug/l	98
79) 2-Chlorotoluene	12.769	91	28017	5.094	ug/l	98
80) 1,3,5-Trimethylbenzene	12.824	105	33346	4.897	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.385	75	2030	4.404	ug/l	96
82) 4-Chlorotoluene	12.867	91	28938	5.092	ug/l	100
83) tert-Butylbenzene	13.086	119	29549	4.927	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	32915	4.910	ug/l	99
85) sec-Butylbenzene	13.263	105	43540	5.082	ug/l	100
86) p-Isopropyltoluene	13.379	119	36121	4.896	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	18752	5.107	ug/l	98
88) 1,4-Dichlorobenzene	13.458	146	18311	5.102	ug/l	92
89) n-Butylbenzene	13.708	91	34034	4.995	ug/l	97
90) Hexachloroethane	13.970	117	7361	5.172	ug/l	86
91) 1,2-Dichlorobenzene	13.751	146	15771	5.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1239	5.747	ug/l	81
93) 1,2,4-Trichlorobenzene	15.019	180	9028	4.915	ug/l	99
94) Hexachlorobutadiene	15.123	225	5592	5.314	ug/l	99
95) Naphthalene	15.245	128	14668	4.465	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	7426	4.888	ug/l	95

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

