

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017165.D
 Acq On : 01 Feb 2024 13:38
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 00:36:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:27:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	117007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	208954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	178280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	5710	5.463	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.920%#		
35) Dibromofluoromethane	7.722	113	5715	5.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.140%#		
50) Toluene-d8	10.191	98	19967	4.861	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.720%#		
62) 4-Bromofluorobenzene	12.489	95	6681	4.965	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5017	5.656	ug/l	100
3) Chloromethane	2.119	50	8969	5.629	ug/l	97
4) Vinyl Chloride	2.253	62	10967	5.648	ug/l	99
5) Bromomethane	2.662	94	7867	5.845	ug/l	89
6) Chloroethane	2.802	64	6882	5.489	ug/l	95
7) Trichlorofluoromethane	3.131	101	10719	5.368	ug/l	87
8) Diethyl Ether	3.534	74	3099	4.934	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.900	101	6453m	5.331	ug/l	
10) Methyl Iodide	4.101	142	5917	4.650	ug/l #	89
11) Tert butyl alcohol	4.954	59	3801	28.598	ug/l #	75
12) 1,1-Dichloroethene	3.881	96	5877	5.182	ug/l	97
13) Acrolein	3.735	56	3006	24.125	ug/l	99
14) Allyl chloride	4.491	41	8557	4.991	ug/l	98
15) Acrylonitrile	5.168	53	7364	26.041	ug/l	96
16) Acetone	3.954	43	9181	29.884	ug/l	96
17) Carbon Disulfide	4.204	76	18894	5.219	ug/l	99
18) Methyl Acetate	4.491	43	3182	4.643	ug/l #	81
19) Methyl tert-butyl Ether	5.229	73	13080	4.789	ug/l	99
20) Methylene Chloride	4.729	84	9802	4.610	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	6383	4.947	ug/l	89
22) Diisopropyl ether	6.125	45	17723	4.707	ug/l	97
23) Vinyl Acetate	6.076	43	53198	23.317	ug/l	98
24) 1,1-Dichloroethane	6.027	63	12123	5.256	ug/l	98
25) 2-Butanone	7.003	43	10965	26.848	ug/l	96
26) 2,2-Dichloropropane	6.990	77	10012	5.218	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	7289	5.051	ug/l	98
28) Bromochloromethane	7.350	49	4482	5.075	ug/l #	98
29) Tetrahydrofuran	7.362	42	5683	24.633	ug/l	94
30) Chloroform	7.515	83	11972	5.159	ug/l	99
31) Cyclohexane	7.801	56	12101	5.744	ug/l #	87
32) 1,1,1-Trichloroethane	7.716	97	10010	5.015	ug/l	96
36) 1,1-Dichloropropene	7.929	75	9361	4.810	ug/l	97
37) Ethyl Acetate	7.094	43	4847	5.370	ug/l	94
38) Carbon Tetrachloride	7.911	117	8854	4.752	ug/l	94
39) Methylcyclohexane	9.197	83	10339	4.548	ug/l	95
40) Benzene	8.173	78	26920	4.844	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2038	4.765	ug/l	96
42) 1,2-Dichloroethane	8.252	62	7387	5.020	ug/l	98
43) Isopropyl Acetate	8.283	43	7418	4.643	ug/l	98
44) Trichloroethene	8.954	130	6661	4.722	ug/l	99
45) 1,2-Dichloropropane	9.228	63	6625	4.853	ug/l	93
46) Dibromomethane	9.313	93	3514	4.766	ug/l	96
47) Bromodichloromethane	9.508	83	8884	4.814	ug/l #	92
48) Methyl methacrylate	9.301	41	3389	4.522	ug/l	95
49) 1,4-Dioxane	9.319	88	717	89.334	ug/l #	64
51) 4-Methyl-2-Pentanone	10.081	43	19057	22.250	ug/l	98
52) Toluene	10.252	92	15080	4.495	ug/l	97
53) t-1,3-Dichloropropene	10.472	75	7730	4.459	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	9275	4.467	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	4821	4.805	ug/l	89
56) Ethyl methacrylate	10.520	69	4752	6.313	ug/l	95
57) 1,3-Dichloropropane	10.801	76	8368	4.849	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	12669	20.270	ug/l	99
59) 2-Hexanone	10.843	43	13991	22.590	ug/l	94
60) Dibromochloromethane	10.996	129	5613	4.769	ug/l	94
61) 1,2-Dibromoethane	11.093	107	4553	4.880	ug/l	95
64) Tetrachloroethene	10.728	164	5676	4.902	ug/l	96
65) Chlorobenzene	11.526	112	16683	4.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	5838	4.671	ug/l	94
67) Ethyl Benzene	11.599	91	27499	4.424	ug/l	99
68) m/p-Xylenes	11.709	106	20393	8.646	ug/l	99
69) o-Xylene	12.038	106	9110	4.194	ug/l	97
70) Styrene	12.057	104	13879	3.878	ug/l	93
71) Bromoform	12.215	173	2968	4.534	ug/l #	98
73) Isopropylbenzene	12.337	105	23492	4.253	ug/l	97
74) N-amyl acetate	12.148	43	5218	4.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	5457	5.023	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	3366m	4.546	ug/l	
77) Bromobenzene	12.617	156	6018	4.912	ug/l	98
78) n-propylbenzene	12.678	91	29947	4.415	ug/l	99
79) 2-Chlorotoluene	12.764	91	16734	4.487	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	18636	4.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	1564	4.683	ug/l	95
82) 4-Chlorotoluene	12.861	91	18170	4.734	ug/l	100
83) tert-Butylbenzene	13.081	119	16181	4.297	ug/l	95
84) 1,2,4-Trimethylbenzene	13.130	105	18297	4.220	ug/l	98
85) sec-Butylbenzene	13.264	105	25377	4.312	ug/l	97
86) p-Isopropyltoluene	13.380	119	19654	4.179	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	11592	4.743	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	11934	5.026	ug/l	95
89) n-Butylbenzene	13.703	91	19382	4.335	ug/l	98
90) Hexachloroethane	13.965	117	4721	4.890	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	10018	4.815	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	705	4.982	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	4591	4.442	ug/l	98
94) Hexachlorobutadiene	15.117	225	3023	4.967	ug/l	96
95) Naphthalene	15.239	128	7408	6.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	3669	4.174	ug/l	95

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

