

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017166.D
 Acq On : 01 Feb 2024 14:01
 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 :Semsettin Yesilyurt 02/02/2024
 Supervised By :Mahesh Dadoda 02/02/2024

Quant Time: Feb 02 00:36:50 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	130258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	189986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10123	8.699	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	17.400%#		
35) Dibromofluoromethane	7.722	113	10683	8.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	17.740%#		
50) Toluene-d8	10.191	98	37643	8.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	17.180%#		
62) 4-Bromofluorobenzene	12.489	95	12362	8.610	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	17.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	11662	11.810	ug/l	99
3) Chloromethane	2.113	50	20642	11.637	ug/l	97
4) Vinyl Chloride	2.253	62	24478	11.323	ug/l	94
5) Bromomethane	2.656	94	16486	11.002	ug/l	92
6) Chloroethane	2.796	64	15254	10.929	ug/l	99
7) Trichlorofluoromethane	3.131	101	24268	10.917	ug/l	99
8) Diethyl Ether	3.534	74	6944	9.931	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	14665	10.884	ug/l	99
10) Methyl Iodide	4.101	142	13747	9.704	ug/l	98
11) Tert butyl alcohol	4.966	59	6162	49.702	ug/l #	91
12) 1,1-Dichloroethene	3.881	96	13616	10.784	ug/l	99
13) Acrolein	3.735	56	5363	46.068	ug/l	95
14) Allyl chloride	4.491	41	19651	10.295	ug/l	97
15) Acrylonitrile	5.167	53	15401	48.921	ug/l	99
16) Acetone	3.954	43	18302	53.513	ug/l	100
17) Carbon Disulfide	4.204	76	44267	10.983	ug/l	99
18) Methyl Acetate	4.485	43	6804	8.918	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	29784	9.795	ug/l	96
20) Methylene Chloride	4.722	84	18476	10.417	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	15124	10.529	ug/l	96
22) Diisopropyl ether	6.131	45	43694	10.424	ug/l	95
23) Vinyl Acetate	6.070	43	125590	49.448	ug/l	100
24) 1,1-Dichloroethane	6.021	63	27265	10.618	ug/l	95
25) 2-Butanone	6.996	43	23131	50.875	ug/l	96
26) 2,2-Dichloropropane	6.996	77	22304	10.442	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	16624	10.348	ug/l	98
28) Bromochloromethane	7.344	49	9813	9.980	ug/l	98
29) Tetrahydrofuran	7.356	42	12120	47.190	ug/l	99
30) Chloroform	7.515	83	27387	10.602	ug/l	100
31) Cyclohexane	7.795	56	25704	10.959	ug/l #	89
32) 1,1,1-Trichloroethane	7.710	97	23517	10.584	ug/l	97
36) 1,1-Dichloropropene	7.923	75	21954	10.572	ug/l	99
37) Ethyl Acetate	7.082	43	9669	10.039	ug/l	99
38) Carbon Tetrachloride	7.911	117	21356	10.741	ug/l	99
39) Methylcyclohexane	9.197	83	24943	10.282	ug/l	95
40) Benzene	8.167	78	61432	10.359	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	3910	8.568	ug/l #	80
42) 1,2-Dichloroethane	8.246	62	15928	10.145	ug/l	98
43) Isopropyl Acetate	8.283	43	16143	9.468	ug/l	97
44) Trichloroethene	8.947	130	15662	10.404	ug/l	98
45) 1,2-Dichloropropane	9.222	63	14884	10.218	ug/l	94
46) Dibromomethane	9.319	93	7847	9.973	ug/l	99
47) Bromodichloromethane	9.508	83	20379	10.349	ug/l	97
48) Methyl methacrylate	9.301	41	7543	9.432	ug/l	99
49) 1,4-Dioxane	9.307	88	1592	185.890	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	43205	47.273	ug/l	98
52) Toluene	10.252	92	36870	10.300	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	18222	9.852	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	22205	10.023	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	10569	9.873	ug/l	96
56) Ethyl methacrylate	10.520	69	11714	10.649	ug/l	99
57) 1,3-Dichloropropane	10.801	76	18066	9.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	27664	41.480	ug/l	98
59) 2-Hexanone	10.843	43	31063	47.003	ug/l	98
60) Dibromochloromethane	10.996	129	12508	9.960	ug/l	100
61) 1,2-Dibromoethane	11.099	107	9655	9.697	ug/l	98
64) Tetrachloroethene	10.727	164	13112	10.627	ug/l	96
65) Chlorobenzene	11.526	112	38060	10.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	13215	9.922	ug/l	98
67) Ethyl Benzene	11.599	91	66183	9.992	ug/l	95
68) m/p-Xylenes	11.709	106	50475	20.080	ug/l	100
69) o-Xylene	12.038	106	22746	9.826	ug/l	99
70) Styrene	12.050	104	37347	9.792	ug/l	98
71) Bromoform	12.221	173	6784	9.726	ug/l #	99
73) Isopropylbenzene	12.337	105	61843	10.471	ug/l	100
74) N-amyl acetate	12.154	43	12728	9.591	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	12042	10.366	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	7520m	9.497	ug/l	
77) Bromobenzene	12.617	156	13389	10.220	ug/l	99
78) n-propylbenzene	12.678	91	75920	10.466	ug/l	100
79) 2-Chlorotoluene	12.764	91	42055	10.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	48801	10.389	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	3514	9.840	ug/l	98
82) 4-Chlorotoluene	12.861	91	42702	10.404	ug/l	98
83) tert-Butylbenzene	13.081	119	41132	10.215	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	47216	10.183	ug/l	98
85) sec-Butylbenzene	13.264	105	66029	10.492	ug/l	100
86) p-Isopropyltoluene	13.379	119	51556	10.252	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	27368	10.471	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	26173	10.308	ug/l	96
89) n-Butylbenzene	13.703	91	48904	10.228	ug/l	99
90) Hexachloroethane	13.965	117	10995	10.650	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	22894	10.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1441	9.523	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	10140	9.175	ug/l	99
94) Hexachlorobutadiene	15.117	225	7160	11.000	ug/l	97
95) Naphthalene	15.245	128	17108	10.883	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	9358	9.956	ug/l	97

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

