

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017373.D
 Acq On : 14 Feb 2024 10:18
 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 :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

Quant Time: Feb 15 00:29:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 00:25:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	108500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	190606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	163591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	69502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6140	5.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.660%#		
35) Dibromofluoromethane	7.734	113	6251	5.144	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.280%#		
50) Toluene-d8	10.191	98	22629	4.806	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.620%#		
62) 4-Bromofluorobenzene	12.495	95	7085	4.908	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	4872	5.272	ug/l	84
3) Chloromethane	2.113	50	9270	5.302	ug/l	96
4) Vinyl Chloride	2.260	62	10768	5.161	ug/l	98
5) Bromomethane	2.662	94	7488	5.056	ug/l	98
6) Chloroethane	2.802	64	6875	5.171	ug/l	99
7) Trichlorofluoromethane	3.137	101	11284	5.383	ug/l	93
8) Diethyl Ether	3.534	74	3360	5.551	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.912	101	6758	5.358	ug/l	97
10) Methyl Iodide	4.107	142	5825	4.699	ug/l	98
11) Tert butyl alcohol	4.966	59	2482m	30.911	ug/l	
12) 1,1-Dichloroethene	3.887	96	6131	5.271	ug/l	91
13) Acrolein	3.735	56	3346	26.893	ug/l	95
14) Allyl chloride	4.497	41	9137	5.312	ug/l	99
15) Acrylonitrile	5.180	53	7087	27.217	ug/l	99
16) Acetone	3.960	43	9131	30.668	ug/l	99
17) Carbon Disulfide	4.204	76	20060	5.406	ug/l	97
18) Methyl Acetate	4.485	43	3121	3.837	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	13403	5.183	ug/l #	90
20) Methylene Chloride	4.735	84	10391	6.915	ug/l	94
21) trans-1,2-Dichloroethene	5.241	96	6857	5.160	ug/l	94
22) Diisopropyl ether	6.137	45	18795	5.099	ug/l #	94
23) Vinyl Acetate	6.076	43	54689	27.914	ug/l	99
24) 1,1-Dichloroethane	6.033	63	12291	5.344	ug/l	99
25) 2-Butanone	7.009	43	10753	28.557	ug/l	98
26) 2,2-Dichloropropane	6.996	77	10020	5.087	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	7275	5.085	ug/l	95
28) Bromochloromethane	7.356	49	5415	5.521	ug/l #	97
29) Tetrahydrofuran	7.368	42	5271	25.242	ug/l	99
30) Chloroform	7.515	83	12780	5.573	ug/l	98
31) Cyclohexane	7.795	56	11936	5.446	ug/l #	87
32) 1,1,1-Trichloroethane	7.716	97	10617	5.218	ug/l	98
36) 1,1-Dichloropropene	7.935	75	9623	4.836	ug/l	98
37) Ethyl Acetate	7.088	43	4334	5.358	ug/l	99
38) Carbon Tetrachloride	7.917	117	9443	4.946	ug/l	94
39) Methylcyclohexane	9.197	83	10903	4.576	ug/l	95
40) Benzene	8.173	78	28574	5.126	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	1796m	3.359	ug/l	
42) 1,2-Dichloroethane	8.252	62	7655	5.395	ug/l	98
43) Isopropyl Acetate	8.289	43	7574	5.227	ug/l #	82
44) Trichloroethene	8.953	130	7412	5.145	ug/l	100
45) 1,2-Dichloropropane	9.228	63	6718	5.007	ug/l	94
46) Dibromomethane	9.325	93	3659	5.256	ug/l	95
47) Bromodichloromethane	9.508	83	9462	5.284	ug/l	92
48) Methyl methacrylate	9.307	41	3382	4.427	ug/l	98
49) 1,4-Dioxane	9.313	88	558	77.785	ug/l #	75
51) 4-Methyl-2-Pentanone	10.081	43	20305	25.790	ug/l	98
52) Toluene	10.258	92	16092	4.750	ug/l	98
53) t-1,3-Dichloropropene	10.478	75	8039	4.846	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	9749	4.801	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	5260	5.509	ug/l	90
56) Ethyl methacrylate	10.526	69	5045	5.184	ug/l	100
57) 1,3-Dichloropropane	10.807	76	8571	5.212	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	14163	22.691	ug/l	98
59) 2-Hexanone	10.843	43	13659	24.142	ug/l	94
60) Dibromochloromethane	10.996	129	5792	5.223	ug/l	98
61) 1,2-Dibromoethane	11.105	107	4659	5.321	ug/l	97
64) Tetrachloroethene	10.734	164	6374	5.270	ug/l	95
65) Chlorobenzene	11.526	112	17540	5.057	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	6027	4.831	ug/l	92
67) Ethyl Benzene	11.605	91	29122	4.559	ug/l	98
68) m/p-Xylenes	11.715	106	21502	8.927	ug/l	96
69) o-Xylene	12.044	106	9640	4.424	ug/l	100
70) Styrene	12.057	104	15870	4.747	ug/l	99
71) Bromoform	12.221	173	2945	4.869	ug/l #	93
73) Isopropylbenzene	12.343	105	25924	4.476	ug/l	98
74) N-amyl acetate	12.154	43	5135	4.484	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.599	83	5350	5.154	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	4018m	3.346	ug/l	
77) Bromobenzene	12.617	156	6316	5.178	ug/l	94
78) n-propylbenzene	12.684	91	32029	4.492	ug/l	98
79) 2-Chlorotoluene	12.770	91	18270	4.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	20041	4.403	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	1488	4.743	ug/l	93
82) 4-Chlorotoluene	12.867	91	19158	4.783	ug/l	99
83) tert-Butylbenzene	13.087	119	17501	4.402	ug/l	96
84) 1,2,4-Trimethylbenzene	13.130	105	19811	4.409	ug/l	99
85) sec-Butylbenzene	13.264	105	27242	4.491	ug/l	99
86) p-Isopropyltoluene	13.379	119	20983	4.275	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	11785	4.774	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	12458	5.188	ug/l	95
89) n-Butylbenzene	13.709	91	20213	4.239	ug/l	99
90) Hexachloroethane	13.971	117	5130	5.042	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	10897	5.356	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	691	5.360	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	4634	4.565	ug/l	95
94) Hexachlorobutadiene	15.123	225	2881	4.599	ug/l	94
95) Naphthalene	15.245	128	7544	4.271	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	3991	4.687	ug/l	98

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

