

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017736.D
 Acq On : 22 Mar 2024 09:44
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

Quant Time: Mar 23 03:40:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	142441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	230710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	192814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	5154	4.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	8.300%#		
35) Dibromofluoromethane	7.734	113	5881	4.264	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.520%#		
50) Toluene-d8	10.197	98	21511	4.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.160%#		
62) 4-Bromofluorobenzene	12.495	95	6923	4.368	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	8.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	6937	5.641	ug/l	98
3) Chloromethane	2.125	50	8564	5.376	ug/l	89
4) Vinyl Chloride	2.265	62	10334	5.365	ug/l	91
5) Bromomethane	2.668	94	8224	5.468	ug/l	96
6) Chloroethane	2.808	64	7096	5.512	ug/l	96
7) Trichlorofluoromethane	3.143	101	11467	5.648	ug/l	100
8) Diethyl Ether	3.540	74	3198	4.778	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	7999	5.535	ug/l	98
10) Methyl Iodide	4.107	142	8465	4.792	ug/l	97
11) Tert butyl alcohol	4.972	59	2108	25.539	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	7033	5.174	ug/l	93
13) Acrolein	3.747	56	2161	21.720	ug/l	91
14) Allyl chloride	4.503	41	8499	4.613	ug/l	96
15) Acrylonitrile	5.186	53	5746	20.723	ug/l	97
16) Acetone	3.972	43	4423	20.378	ug/l #	82
17) Carbon Disulfide	4.216	76	24141	5.307	ug/l	96
18) Methyl Acetate	4.503	43	2254	4.125	ug/l #	46
19) Methyl tert-butyl Ether	5.247	73	12052	4.112	ug/l	99
20) Methylene Chloride	4.741	84	9158	5.802	ug/l	93
21) trans-1,2-Dichloroethene	5.240	96	7988	5.154	ug/l	93
22) Diisopropyl ether	6.137	45	17121	4.268	ug/l #	88
23) Vinyl Acetate	6.082	43	44864	19.042	ug/l	100
24) 1,1-Dichloroethane	6.039	63	13161	4.992	ug/l	98
25) 2-Butanone	7.008	43	6132	24.071	ug/l	93
26) 2,2-Dichloropropane	6.996	77	11360	5.069	ug/l	97
27) cis-1,2-Dichloroethene	7.008	96	8543	4.873	ug/l	95
28) Bromochloromethane	7.356	49	4697	4.595	ug/l	89
29) Tetrahydrofuran	7.368	42	3704	20.075	ug/l	95
30) Chloroform	7.521	83	14091	5.155	ug/l	94
31) Cyclohexane	7.801	56	13350	5.439	ug/l #	79
32) 1,1,1-Trichloroethane	7.716	97	11946	5.018	ug/l	94
36) 1,1-Dichloropropene	7.935	75	10610	4.980	ug/l	94
37) Ethyl Acetate	7.088	43	3155	3.854	ug/l #	75
38) Carbon Tetrachloride	7.917	117	10996	4.929	ug/l	96
39) Methylcyclohexane	9.197	83	12691	4.640	ug/l #	87
40) Benzene	8.173	78	30260	4.745	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	1775	4.389	ug/l #	79
42) 1,2-Dichloroethane	8.252	62	6923	4.532	ug/l	97
43) Isopropyl Acetate	8.289	43	5544	4.088	ug/l	98
44) Trichloroethene	8.959	130	8369	5.017	ug/l	90
45) 1,2-Dichloropropane	9.234	63	6813	4.689	ug/l	95
46) Dibromomethane	9.325	93	3604	4.451	ug/l	96
47) Bromodichloromethane	9.508	83	10254	4.952	ug/l #	98
48) Methyl methacrylate	9.313	41	2408	4.386	ug/l	95
49) 1,4-Dioxane	9.313	88	659	83.641	ug/l #	91
51) 4-Methyl-2-Pentanone	10.087	43	13187	20.448	ug/l	93
52) Toluene	10.258	92	17835	4.526	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	7462	4.121	ug/l	93
54) cis-1,3-Dichloropropene	9.947	75	9585	4.333	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	4583	4.424	ug/l	93
56) Ethyl methacrylate	10.526	69	4234	4.128	ug/l	92
57) 1,3-Dichloropropane	10.807	76	7828	4.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	11169	24.806	ug/l	100
59) 2-Hexanone	10.849	43	8152	22.293	ug/l	91
60) Dibromochloromethane	10.996	129	6445	4.652	ug/l	100
61) 1,2-Dibromoethane	11.105	107	4336	4.459	ug/l	99
64) Tetrachloroethene	10.733	164	9451	5.300	ug/l	96
65) Chlorobenzene	11.532	112	20195	4.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	6456	4.658	ug/l	97
67) Ethyl Benzene	11.611	91	32692	4.586	ug/l	96
68) m/p-Xylenes	11.715	106	24501	8.860	ug/l	99
69) o-Xylene	12.044	106	10862	4.302	ug/l	98
70) Styrene	12.062	104	17040	4.055	ug/l	97
71) Bromoform	12.221	173	3301	4.522	ug/l #	92
73) Isopropylbenzene	12.343	105	29210	4.672	ug/l	99
74) N-amyl acetate	12.160	43	3858	5.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	4181	4.343	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	3691m	4.704	ug/l	
77) Bromobenzene	12.623	156	6816	4.788	ug/l	98
78) n-propylbenzene	12.684	91	35133	4.642	ug/l	99
79) 2-Chlorotoluene	12.770	91	19822	4.776	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	21821	4.458	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	1369	4.137	ug/l	98
82) 4-Chlorotoluene	12.867	91	20052	4.709	ug/l	97
83) tert-Butylbenzene	13.093	119	20634	4.659	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	20664	4.307	ug/l	97
85) sec-Butylbenzene	13.270	105	30966	4.665	ug/l	98
86) p-Isopropyltoluene	13.385	119	24557	4.455	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	14308	4.960	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	13903	5.021	ug/l	93
89) n-Butylbenzene	13.708	91	22856	4.584	ug/l	97
90) Hexachloroethane	13.977	117	6060	5.391	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	11967	5.008	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	392	3.000	ug/l	83
93) 1,2,4-Trichlorobenzene	15.025	180	4939	4.267	ug/l	98
94) Hexachlorobutadiene	15.129	225	4066	5.472	ug/l	95
95) Naphthalene	15.257	128	5977	5.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	4139	4.331	ug/l	97

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

