

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017790.D
 Acq On : 29 Mar 2024 14:44
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 30 05:53:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:53:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/01/2024
 Supervised By :Semsettin Yesilyurt 04/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	242424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	387616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	328193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	140539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11630	5.544	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.080%#		
35) Dibromofluoromethane	7.722	113	11960	5.340	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.680%#		
50) Toluene-d8	10.185	98	43944	5.252	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.500%#		
62) 4-Bromofluorobenzene	12.489	95	12875	5.058	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	9609	5.927	ug/l	98
3) Chloromethane	2.113	50	17621	5.569	ug/l	94
4) Vinyl Chloride	2.253	62	22435	5.425	ug/l	98
5) Bromomethane	2.656	94	19339	5.784	ug/l	93
6) Chloroethane	2.796	64	14616	5.417	ug/l	99
7) Trichlorofluoromethane	3.131	101	21846	5.417	ug/l	99
8) Diethyl Ether	3.534	74	5948	5.021	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	13281	5.491	ug/l	98
10) Methyl Iodide	4.095	142	11819	4.494	ug/l	99
11) Tert butyl alcohol	4.960	59	8278m	39.196	ug/l	
12) 1,1-Dichloroethene	3.881	96	12103	5.348	ug/l	98
13) Acrolein	3.735	56	3439	23.399	ug/l	99
14) Allyl chloride	4.479	41	13890	5.003	ug/l	97
15) Acrylonitrile	5.168	53	12360	24.718	ug/l	99
16) Acetone	3.954	43	12294	28.351	ug/l #	87
17) Carbon Disulfide	4.198	76	31799	4.965	ug/l #	95
18) Methyl Acetate	4.485	43	4793	4.990	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	24385	4.706	ug/l	100
20) Methylene Chloride	4.729	84	25200	7.211	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	12239	5.054	ug/l	88
22) Diisopropyl ether	6.119	45	30434	4.743	ug/l #	84
23) Vinyl Acetate	6.070	43	88663	22.629	ug/l	99
24) 1,1-Dichloroethane	6.021	63	21865	5.134	ug/l	94
25) 2-Butanone	6.990	43	15004	24.289	ug/l #	85
26) 2,2-Dichloropropane	6.990	77	20179	5.485	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	14476	5.058	ug/l	92
28) Bromochloromethane	7.344	49	8880	5.127	ug/l	95
29) Tetrahydrofuran	7.356	42	8609	23.226	ug/l	94
30) Chloroform	7.515	83	23631	5.347	ug/l	95
31) Cyclohexane	7.789	56	21095	5.708	ug/l #	81
32) 1,1,1-Trichloroethane	7.710	97	20348	5.410	ug/l	97
36) 1,1-Dichloropropene	7.929	75	16404	5.019	ug/l	97
37) Ethyl Acetate	7.082	43	7264	5.151	ug/l	98
38) Carbon Tetrachloride	7.905	117	17322	5.106	ug/l	96
39) Methylcyclohexane	9.191	83	19989	4.897	ug/l	94
40) Benzene	8.167	78	51234	5.087	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	3279m	4.771	ug/l	
42) 1,2-Dichloroethane	8.246	62	12890	5.200	ug/l	99
43) Isopropyl Acetate	8.277	43	12463	4.869	ug/l	99
44) Trichloroethene	8.947	130	13444	5.131	ug/l	100
45) 1,2-Dichloropropane	9.222	63	11888	5.080	ug/l	94
46) Dibromomethane	9.313	93	6811	5.123	ug/l	99
47) Bromodichloromethane	9.502	83	17316	5.154	ug/l	96
48) Methyl methacrylate	9.301	41	4851	5.030	ug/l	95
49) 1,4-Dioxane	9.301	88	1339	89.707	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	30370	22.587	ug/l	98
52) Toluene	10.252	92	29980	4.907	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	13697	4.592	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	18120	4.977	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	9132	5.154	ug/l	88
56) Ethyl methacrylate	10.514	69	8805	4.606	ug/l #	89
57) 1,3-Dichloropropane	10.795	76	14764	4.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	23358	14.200	ug/l	99
59) 2-Hexanone	10.837	43	18927	24.235	ug/l	96
60) Dibromochloromethane	10.990	129	11108	4.971	ug/l	96
61) 1,2-Dibromoethane	11.093	107	7845	4.856	ug/l	100
64) Tetrachloroethene	10.721	164	15377	5.372	ug/l	91
65) Chlorobenzene	11.520	112	35262	5.238	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	11220	4.908	ug/l	98
67) Ethyl Benzene	11.599	91	54853	4.740	ug/l	98
68) m/p-Xylenes	11.709	106	40632	9.257	ug/l	99
69) o-Xylene	12.038	106	18752	3.388	ug/l	99
70) Styrene	12.050	104	29846	3.587	ug/l	99
71) Bromoform	12.215	173	6196	4.890	ug/l #	98
73) Isopropylbenzene	12.337	105	48833	4.958	ug/l	99
74) N-amyl acetate	12.148	43	8483	4.783	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	8719	5.118	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	7210m	5.622	ug/l	
77) Bromobenzene	12.617	156	12285	5.237	ug/l	97
78) n-propylbenzene	12.678	91	59999	4.993	ug/l	100
79) 2-Chlorotoluene	12.764	91	33209	5.045	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	36797	4.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	2472	4.838	ug/l #	84
82) 4-Chlorotoluene	12.861	91	34916	5.122	ug/l	99
83) tert-Butylbenzene	13.081	119	34630	4.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	36658	4.789	ug/l	100
85) sec-Butylbenzene	13.258	105	51866	4.945	ug/l	98
86) p-Isopropyltoluene	13.373	119	40591	4.630	ug/l	96
87) 1,3-Dichlorobenzene	13.373	146	23793	5.112	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	23700	5.320	ug/l	94
89) n-Butylbenzene	13.703	91	39913	4.948	ug/l	98
90) Hexachloroethane	13.971	117	9180	5.266	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	20012	5.187	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1258	5.464	ug/l	81
93) 1,2,4-Trichlorobenzene	15.013	180	10059	4.760	ug/l	100
94) Hexachlorobutadiene	15.123	225	6900	5.386	ug/l	97
95) Naphthalene	15.245	128	13690	5.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	8485	4.753	ug/l	99

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

