

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017791.D
 Acq On : 29 Mar 2024 15:10
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 05:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	252073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	342608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	151632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23172	10.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.240%#		
35) Dibromofluoromethane	7.716	113	24077	10.399	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.800%#		
50) Toluene-d8	10.185	98	86725	10.027	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.060%#		
62) 4-Bromofluorobenzene	12.489	95	26216	9.963	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18748	11.121	ug/l	97
3) Chloromethane	2.113	50	35427	10.767	ug/l	96
4) Vinyl Chloride	2.253	62	46084	10.717	ug/l	98
5) Bromomethane	2.650	94	37673	10.836	ug/l	99
6) Chloroethane	2.796	64	29573	10.541	ug/l	95
7) Trichlorofluoromethane	3.125	101	44576	10.630	ug/l	98
8) Diethyl Ether	3.534	74	12889	10.464	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	27787	11.050	ug/l	99
10) Methyl Iodide	4.095	142	25735	9.410	ug/l	98
11) Tert butyl alcohol	4.948	59	13109	56.732	ug/l	99
12) 1,1-Dichloroethene	3.875	96	24972	10.612	ug/l	96
13) Acrolein	3.729	56	7802	51.053	ug/l	100
14) Allyl chloride	4.479	41	30214	10.466	ug/l	98
15) Acrylonitrile	5.168	53	27245	52.400	ug/l	99
16) Acetone	3.948	43	22762	50.483	ug/l	95
17) Carbon Disulfide	4.198	76	66591	10.000	ug/l	96
18) Methyl Acetate	4.479	43	10378	10.392	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	54091	10.039	ug/l	99
20) Methylene Chloride	4.716	84	38956	12.086	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	26330	10.456	ug/l	95
22) Diisopropyl ether	6.119	45	68350	10.243	ug/l	92
23) Vinyl Acetate	6.064	43	201289	49.408	ug/l	99
24) 1,1-Dichloroethane	6.021	63	47436	10.711	ug/l	98
25) 2-Butanone	6.984	43	32200	50.131	ug/l	91
26) 2,2-Dichloropropane	6.984	77	40768	10.658	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	30568	10.271	ug/l	93
28) Bromochloromethane	7.338	49	16505	9.164	ug/l	94
29) Tetrahydrofuran	7.356	42	19277	50.017	ug/l	97
30) Chloroform	7.509	83	49894	10.858	ug/l	98
31) Cyclohexane	7.789	56	39905	10.385	ug/l #	86
32) 1,1,1-Trichloroethane	7.704	97	40989	10.480	ug/l	93
36) 1,1-Dichloropropene	7.923	75	33981	10.059	ug/l	97
37) Ethyl Acetate	7.076	43	14579	10.000	ug/l	98
38) Carbon Tetrachloride	7.905	117	36534	10.417	ug/l	99
39) Methylcyclohexane	9.191	83	40554	9.610	ug/l	94
40) Benzene	8.161	78	108794	10.450	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	8145m	11.303	ug/l	
42) 1,2-Dichloroethane	8.240	62	26806	10.461	ug/l	98
43) Isopropyl Acetate	8.277	43	26382	9.971	ug/l	99
44) Trichloroethene	8.941	130	28664	10.582	ug/l	98
45) 1,2-Dichloropropane	9.222	63	25081	10.367	ug/l	95
46) Dibromomethane	9.313	93	14126	10.277	ug/l	100
47) Bromodichloromethane	9.502	83	36453	10.496	ug/l	96
48) Methyl methacrylate	9.295	41	11494	11.583	ug/l	98
49) 1,4-Dioxane	9.307	88	3255	210.955	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	67864	55.321	ug/l	98
52) Toluene	10.252	92	64886	10.275	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	30809	9.991	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	37254	9.899	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	19290	10.533	ug/l	99
56) Ethyl methacrylate	10.514	69	22030	11.239	ug/l	94
57) 1,3-Dichloropropane	10.795	76	32274	10.419	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	52104	45.721	ug/l	98
59) 2-Hexanone	10.837	43	45139	55.480	ug/l	97
60) Dibromochloromethane	10.990	129	23689	10.255	ug/l	99
61) 1,2-Dibromoethane	11.093	107	17341	10.384	ug/l	97
64) Tetrachloroethene	10.728	164	31552	10.559	ug/l	97
65) Chlorobenzene	11.520	112	72518	10.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	24202	10.142	ug/l	99
67) Ethyl Benzene	11.599	91	119988	9.931	ug/l	100
68) m/p-Xylenes	11.709	106	90821	19.822	ug/l	99
69) o-Xylene	12.032	106	40878	10.612	ug/l	99
70) Styrene	12.051	104	68749	10.794	ug/l	99
71) Bromoform	12.215	173	13317	10.068	ug/l #	97
73) Isopropylbenzene	12.337	105	109897	10.342	ug/l	100
74) N-amyl acetate	12.148	43	19924	11.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	18551	10.092	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	12479m	9.019	ug/l	
77) Bromobenzene	12.617	156	25824	10.204	ug/l	99
78) n-propylbenzene	12.678	91	133828	10.321	ug/l	97
79) 2-Chlorotoluene	12.764	91	74728	10.522	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	86125	10.385	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6290	11.839	ug/l	95
82) 4-Chlorotoluene	12.861	91	76605	10.416	ug/l	100
83) tert-Butylbenzene	13.081	119	78925	10.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	83276	10.082	ug/l	99
85) sec-Butylbenzene	13.258	105	118702	10.489	ug/l	100
86) p-Isopropyltoluene	13.373	119	93624	9.898	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	50575	10.071	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	51115	10.634	ug/l	98
89) n-Butylbenzene	13.703	91	87594	10.065	ug/l	98
90) Hexachloroethane	13.971	117	20188	10.733	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	43305	10.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2389	9.618	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	21694	9.515	ug/l	99
94) Hexachlorobutadiene	15.117	225	14750	10.672	ug/l	98
95) Naphthalene	15.245	128	32830	10.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	18374	9.540	ug/l	99

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

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