

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017743.D
 Acq On : 22 Mar 2024 13:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032224

Quant Time: Mar 23 04:31:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	196014	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	300415	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	258826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	122531	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82951	48.577	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.160%
35) Dibromofluoromethane	7.728	113	90831	50.581	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.191	98	352450	51.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.489	95	107148	51.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	82650	48.841	ug/l	99
3) Chloromethane	2.119	50	115220	52.559	ug/l	99
4) Vinyl Chloride	2.260	62	139127	52.489	ug/l	97
5) Bromomethane	2.662	94	107651	52.016	ug/l	96
6) Chloroethane	2.808	64	91520	51.663	ug/l	99
7) Trichlorofluoromethane	3.137	101	155168	55.541	ug/l	94
8) Diethyl Ether	3.540	74	47405	51.468	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	103282	51.932	ug/l	99
10) Methyl Iodide	4.107	142	127304	52.365	ug/l	99
11) Tert butyl alcohol	4.960	59	25494	224.454	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	100540	53.745	ug/l	98
13) Acrolein	3.735	56	32018	233.855	ug/l	98
14) Allyl chloride	4.491	41	128325	50.617	ug/l	99
15) Acrylonitrile	5.174	53	95445	250.146	ug/l	99
16) Acetone	3.954	43	82998	277.881	ug/l	95
17) Carbon Disulfide	4.210	76	319286	51.009	ug/l	100
18) Methyl Acetate	4.485	43	36486	48.518	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	210900	52.287	ug/l	100
20) Methylene Chloride	4.729	84	105545	48.589	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	111647	52.352	ug/l	99
22) Diisopropyl ether	6.131	45	277992	50.361	ug/l	97
23) Vinyl Acetate	6.070	43	831350	256.420	ug/l	99
24) 1,1-Dichloroethane	6.027	63	183195	50.492	ug/l	98
25) 2-Butanone	6.997	43	121268	239.364	ug/l	95
26) 2,2-Dichloropropane	6.997	77	161974	52.520	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	125621	52.075	ug/l	97
28) Bromochloromethane	7.344	49	62822	44.663	ug/l	97
29) Tetrahydrofuran	7.356	42	72459	227.473	ug/l	95
30) Chloroform	7.515	83	189455	50.370	ug/l	99
31) Cyclohexane	7.795	56	166286	49.235	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	169431	51.724	ug/l	98
36) 1,1-Dichloropropene	7.929	75	145691	52.515	ug/l	98
37) Ethyl Acetate	7.082	43	53308	50.006	ug/l	97
38) Carbon Tetrachloride	7.911	117	158351	54.512	ug/l	99
39) Methylcyclohexane	9.197	83	195035	54.765	ug/l	98
40) Benzene	8.167	78	435236	52.410	ug/l	98

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41) Methacrylonitrile	7.314	41	28575m	54.265	ug/l	
42) 1,2-Dichloroethane	8.246	62	102772	51.668	ug/l	97
43) Isopropyl Acetate	8.283	43	100316	47.599	ug/l	97
44) Trichloroethene	8.947	130	117759	54.213	ug/l	99
45) 1,2-Dichloropropane	9.228	63	97917	51.750	ug/l	100
46) Dibromomethane	9.313	93	54202	51.407	ug/l	98
47) Bromodichloromethane	9.508	83	140116	51.971	ug/l	100
48) Methyl methacrylate	9.301	41	46155	47.120	ug/l	96
49) 1,4-Dioxane	9.307	88	10861	1058.645	ug/l #	97
51) 4-Methyl-2-Pentanone	10.081	43	263388	232.773	ug/l	98
52) Toluene	10.252	92	274049	53.405	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	125771	53.342	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	155239	53.897	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	71376	52.918	ug/l	95
56) Ethyl methacrylate	10.520	69	93715	49.430	ug/l	95
57) 1,3-Dichloropropane	10.801	76	124225	53.470	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	210531	222.199	ug/l	100
59) 2-Hexanone	10.843	43	191698	240.797	ug/l	97
60) Dibromochloromethane	10.996	129	96804	53.656	ug/l	99
61) 1,2-Dibromoethane	11.099	107	67396	53.222	ug/l	99
64) Tetrachloroethene	10.734	164	124675	52.087	ug/l	98
65) Chlorobenzene	11.526	112	297413	53.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	99798	53.639	ug/l	99
67) Ethyl Benzene	11.605	91	522925	54.649	ug/l	96
68) m/p-Xylenes	11.709	106	412016	110.998	ug/l	100
69) o-Xylene	12.038	106	188439	55.604	ug/l	99
70) Styrene	12.057	104	314958	55.841	ug/l	99
71) Bromoform	12.221	173	54571	55.692	ug/l #	97
73) Isopropylbenzene	12.343	105	500412	54.085	ug/l	99
74) N-amyl acetate	12.154	43	86002	45.442	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	73369	51.501	ug/l	96
76) 1,2,3-Trichloropropane	12.642	75	52811m	46.673	ug/l	
77) Bromobenzene	12.617	156	113465	53.864	ug/l	96
78) n-propylbenzene	12.685	91	602292	53.775	ug/l	99
79) 2-Chlorotoluene	12.770	91	323234	52.627	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	392847	54.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	24959	50.970	ug/l	96
82) 4-Chlorotoluene	12.867	91	333575	52.933	ug/l	97
83) tert-Butylbenzene	13.087	119	360824	55.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	391431	55.127	ug/l	99
85) sec-Butylbenzene	13.264	105	541101	55.082	ug/l	98
86) p-Isopropyltoluene	13.380	119	453960	55.656	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	227360	53.262	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	217949	53.186	ug/l	100
89) n-Butylbenzene	13.709	91	413930	56.094	ug/l	99
90) Hexachloroethane	13.971	117	88203	53.028	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	187973	53.159	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9948	52.911	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	102149	59.633	ug/l	98
94) Hexachlorobutadiene	15.123	225	63833	58.054	ug/l	98
95) Naphthalene	15.251	128	162481	51.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	83092	58.751	ug/l	100

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

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