

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016894.D
 Acq On : 02 Jan 2024 14:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010224

Quant Time: Jan 03 00:17:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	150756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	212664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	95726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	67239	45.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.260%		
35) Dibromofluoromethane	7.721	113	75114	47.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.220%		
50) Toluene-d8	10.191	98	264060	48.097	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.489	95	87401	47.184	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	54432	47.846	ug/l	97
3) Chloromethane	2.119	50	85229	48.126	ug/l	99
4) Vinyl Chloride	2.253	62	101834	48.749	ug/l	98
5) Bromomethane	2.661	94	72921	48.727	ug/l	94
6) Chloroethane	2.802	64	68326	48.353	ug/l	99
7) Trichlorofluoromethane	3.131	101	125812	48.881	ug/l	96
8) Diethyl Ether	3.533	74	39150	47.596	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.911	101	80655	48.194	ug/l	100
10) Methyl Iodide	4.100	142	73800	51.835	ug/l	99
11) Tert butyl alcohol	4.954	59	24419	221.493	ug/l	99
12) 1,1-Dichloroethene	3.881	96	71569	49.843	ug/l	94
13) Acrolein	3.734	56	35924	220.149	ug/l	98
14) Allyl chloride	4.484	41	115466	50.866	ug/l	100
15) Acrylonitrile	5.167	53	87503	227.431	ug/l	99
16) Acetone	3.954	43	83103	223.763	ug/l	100
17) Carbon Disulfide	4.204	76	174734	50.929	ug/l	99
18) Methyl Acetate	4.484	43	79697	49.924	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	181651	48.626	ug/l	98
20) Methylene Chloride	4.722	84	99859	52.404	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	82436	50.127	ug/l	99
22) Diisopropyl ether	6.130	45	268198	51.105	ug/l	94
23) Vinyl Acetate	6.069	43	573952	238.518	ug/l	100
24) 1,1-Dichloroethane	6.027	63	155221	49.219	ug/l	98
25) 2-Butanone	6.990	43	111728	218.509	ug/l	100
26) 2,2-Dichloropropane	6.990	77	137058	50.124	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	97058	50.347	ug/l	98
28) Bromochloromethane	7.337	49	63151	53.339	ug/l	99
29) Tetrahydrofuran	7.356	42	66609	220.872	ug/l	99
30) Chloroform	7.514	83	160332	49.334	ug/l	100
31) Cyclohexane	7.795	56	125477	49.065	ug/l	99
32) 1,1,1-Trichloroethane	7.709	97	138395	50.223	ug/l	100
36) 1,1-Dichloropropene	7.929	75	118548	51.020	ug/l	100
37) Ethyl Acetate	7.081	43	46597	44.129	ug/l	100
38) Carbon Tetrachloride	7.910	117	119299	50.535	ug/l	100
39) Methylcyclohexane	9.191	83	138463	53.008	ug/l	99
40) Benzene	8.167	78	350830	50.333	ug/l	100

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41) Methacrylonitrile	7.319	41	28007	50.362	ug/l	97
42) 1,2-Dichloroethane	8.246	62	88992	48.093	ug/l	99
43) Isopropyl Acetate	8.282	43	92773	45.880	ug/l	100
44) Trichloroethene	8.947	130	90148	50.827	ug/l	96
45) 1,2-Dichloropropane	9.227	63	89277	49.718	ug/l	99
46) Dibromomethane	9.313	93	44332	48.408	ug/l	98
47) Bromodichloromethane	9.508	83	120872	49.151	ug/l	97
48) Methyl methacrylate	9.300	41	53814	49.314	ug/l	99
49) 1,4-Dioxane	9.307	88	8808	928.874	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	246177	228.923	ug/l	99
52) Toluene	10.252	92	214834	51.072	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	110224	50.038	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	134005	50.656	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	63464	47.435	ug/l	96
56) Ethyl methacrylate	10.520	69	55715	49.165	ug/l	98
57) 1,3-Dichloropropane	10.800	76	109039	48.814	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	167516	235.967	ug/l	99
59) 2-Hexanone	10.843	43	172631	218.016	ug/l	100
60) Dibromochloromethane	10.995	129	75242	48.766	ug/l	99
61) 1,2-Dibromoethane	11.099	107	57180	49.190	ug/l	97
64) Tetrachloroethene	10.727	164	69275	50.245	ug/l	98
65) Chlorobenzene	11.526	112	226858	51.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	85180	50.579	ug/l	99
67) Ethyl Benzene	11.599	91	421349	52.828	ug/l	98
68) m/p-Xylenes	11.709	106	311476	106.392	ug/l	99
69) o-Xylene	12.038	106	145587	53.045	ug/l	99
70) Styrene	12.050	104	215469	53.941	ug/l	100
71) Bromoform	12.215	173	40198	48.486	ug/l #	98
73) Isopropylbenzene	12.337	105	400033	51.174	ug/l	99
74) N-amyl acetate	12.154	43	73287	46.663	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	69902	43.888	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	45714m	44.007	ug/l	
77) Bromobenzene	12.617	156	83496	48.514	ug/l	98
78) n-propylbenzene	12.684	91	485256	51.062	ug/l	100
79) 2-Chlorotoluene	12.763	91	263810	50.061	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	323183	52.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	21026	45.961	ug/l	99
82) 4-Chlorotoluene	12.867	91	273250	50.754	ug/l	100
83) tert-Butylbenzene	13.086	119	285991	52.521	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	316115	51.921	ug/l	99
85) sec-Butylbenzene	13.263	105	419636	52.009	ug/l	99
86) p-Isopropyltoluene	13.379	119	347736	52.221	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	168297	49.860	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	163805	49.617	ug/l	99
89) n-Butylbenzene	13.708	91	338060	52.802	ug/l	100
90) Hexachloroethane	13.970	117	71052	49.656	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	142266	48.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8723	43.674	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	77112	53.235	ug/l	99
94) Hexachlorobutadiene	15.123	225	46784	51.557	ug/l	99
95) Naphthalene	15.245	128	133581	50.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	64298	52.278	ug/l	98

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

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