

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016902.D
 Acq On : 02 Jan 2024 18:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 03 00:21:45 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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	119059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	206888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56450	47.972	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.940%		
35) Dibromofluoromethane	7.734	113	60882	46.180	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.360%		
50) Toluene-d8	10.191	98	215857	47.547	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.100%		
62) 4-Bromofluorobenzene	12.496	95	70303	45.899	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46498	52.194	ug/l	100
3) Chloromethane	2.119	50	78846	56.375	ug/l	98
4) Vinyl Chloride	2.260	62	90996	55.158	ug/l	99
5) Bromomethane	2.662	94	66253	56.058	ug/l	98
6) Chloroethane	2.808	64	63133	56.573	ug/l	98
7) Trichlorofluoromethane	3.137	101	107428	52.850	ug/l	99
8) Diethyl Ether	3.540	74	37300	57.419	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	68727	52.000	ug/l	99
10) Methyl Iodide	4.107	142	66186	58.863	ug/l	98
11) Tert butyl alcohol	4.966	59	25905	310.672	ug/l	99
12) 1,1-Dichloroethene	3.887	96	62364	54.995	ug/l	95
13) Acrolein	3.741	56	35310	275.981	ug/l	99
14) Allyl chloride	4.497	41	105104	58.628	ug/l	99
15) Acrylonitrile	5.180	53	88669	291.817	ug/l	99
16) Acetone	3.960	43	79924	278.315	ug/l	98
17) Carbon Disulfide	4.216	76	157410	58.094	ug/l	99
18) Methyl Acetate	4.491	43	82451	65.400	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	172027	58.309	ug/l	100
20) Methylene Chloride	4.741	84	99930	70.093	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	74615	57.450	ug/l	98
22) Diisopropyl ether	6.137	45	249064	60.094	ug/l	95
23) Vinyl Acetate	6.076	43	548222	288.480	ug/l	99
24) 1,1-Dichloroethane	6.039	63	141982	57.007	ug/l	98
25) 2-Butanone	7.003	43	114333	286.118	ug/l	100
26) 2,2-Dichloropropane	7.003	77	119168	55.184	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	90321	59.326	ug/l	99
28) Bromochloromethane	7.350	49	55410	59.261	ug/l	98
29) Tetrahydrofuran	7.362	42	70297	295.159	ug/l	98
30) Chloroform	7.521	83	147506	57.471	ug/l	99
31) Cyclohexane	7.801	56	107854	53.402	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	121553	55.855	ug/l	99
36) 1,1-Dichloropropene	7.935	75	103058	53.639	ug/l	99
37) Ethyl Acetate	7.088	43	48518	55.568	ug/l	99
38) Carbon Tetrachloride	7.917	117	104123	53.340	ug/l	98
39) Methylcyclohexane	9.197	83	116274	53.832	ug/l	99
40) Benzene	8.173	78	323617	56.149	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	26957	58.622	ug/l	97
42) 1,2-Dichloroethane	8.252	62	84287	55.086	ug/l	100
43) Isopropyl Acetate	8.289	43	93175	55.726	ug/l	99
44) Trichloroethene	8.953	130	79455	54.177	ug/l	99
45) 1,2-Dichloropropane	9.228	63	82803	55.766	ug/l	98
46) Dibromomethane	9.319	93	42226	55.761	ug/l	98
47) Bromodichloromethane	9.508	83	112804	55.472	ug/l	99
48) Methyl methacrylate	9.307	41	52621	58.315	ug/l	99
49) 1,4-Dioxane	9.313	88	9437	1203.549	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	254648	286.373	ug/l	100
52) Toluene	10.258	92	196942	56.619	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	102382	56.208	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	123952	56.665	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	61660	55.734	ug/l	97
56) Ethyl methacrylate	10.520	69	54713	58.388	ug/l	97
57) 1,3-Dichloropropane	10.801	76	104259	56.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	135263	230.832	ug/l	99
59) 2-Hexanone	10.843	43	174645	266.733	ug/l	99
60) Dibromochloromethane	10.996	129	70244	55.058	ug/l	100
61) 1,2-Dibromoethane	11.099	107	53904	56.079	ug/l	99
64) Tetrachloroethene	10.734	164	63342	54.498	ug/l	96
65) Chlorobenzene	11.526	112	204063	54.640	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	77800	54.800	ug/l	99
67) Ethyl Benzene	11.605	91	375071	55.783	ug/l	98
68) m/p-Xylenes	11.715	106	280449	113.633	ug/l	100
69) o-Xylene	12.044	106	130692	56.486	ug/l	100
70) Styrene	12.057	104	194547	57.774	ug/l	99
71) Bromoform	12.221	173	38509	55.099	ug/l #	98
73) Isopropylbenzene	12.343	105	356796	55.562	ug/l	99
74) N-amyl acetate	12.154	43	72602	56.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	69583	53.181	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	49409m	57.900	ug/l	
77) Bromobenzene	12.624	156	76670	54.228	ug/l	100
78) n-propylbenzene	12.685	91	427538	54.765	ug/l	100
79) 2-Chlorotoluene	12.770	91	234717	54.219	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	283666	55.854	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	19899	52.951	ug/l	99
82) 4-Chlorotoluene	12.867	91	245728	55.561	ug/l	99
83) tert-Butylbenzene	13.087	119	244588	54.678	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	281308	56.245	ug/l	99
85) sec-Butylbenzene	13.264	105	360710	54.421	ug/l	99
86) p-Isopropyltoluene	13.380	119	301227	55.067	ug/l	100
87) 1,3-Dichlorobenzene	13.380	146	148369	53.508	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	144075	53.124	ug/l	100
89) n-Butylbenzene	13.709	91	287858	54.732	ug/l	100
90) Hexachloroethane	13.971	117	61521	52.338	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	128856	53.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8476	51.660	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	64719	54.389	ug/l	98
94) Hexachlorobutadiene	15.123	225	37363	50.123	ug/l	99
95) Naphthalene	15.251	128	120389	54.842	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	52885	52.342	ug/l	97

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

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