

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019792.D
 Acq On : 04 Oct 2024 11:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda
 10/07/2024

Supervised By :Semsettin
 Yesilyurt
 10/07/2024

Quant Time: Oct 04 23:27:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	265455	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	452200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	175173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132918	54.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.140%	
35) Dibromofluoromethane	7.634	113	137488	53.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.103	98	500001	52.725	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.401	95	179426	49.207	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	65823	44.954	ug/l	100
3) Chloromethane	2.068	50	110176	50.165	ug/l	99
4) Vinyl Chloride	2.208	62	132438	55.766	ug/l	98
5) Bromomethane	2.598	94	90612	62.116	ug/l	98
6) Chloroethane	2.739	64	94399	60.804	ug/l	99
7) Trichlorofluoromethane	3.062	101	224215	56.637	ug/l	98
8) Diethyl Ether	3.458	74	69318	52.164	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	140358	57.314	ug/l	94
10) Methyl Iodide	4.013	142	141611	45.102	ug/l	92
11) Tert butyl alcohol	4.866	59	52947	266.725	ug/l #	83
12) 1,1-Dichloroethene	3.793	96	126413	53.675	ug/l	89
13) Acrolein	3.653	56	8320	77.155	ug/l	93
14) Allyl chloride	4.385	41	222526	52.687	ug/l #	92
15) Acrylonitrile	5.061	53	148699	259.519	ug/l	98
16) Acetone	3.873	43	170492	291.143	ug/l	89
17) Carbon Disulfide	4.110	76	304684	47.881	ug/l	98
18) Methyl Acetate	4.385	43	83917	52.805	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	357247	53.557	ug/l	100
20) Methylene Chloride	4.616	84	140918	52.766	ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	139593	54.075	ug/l	86
22) Diisopropyl ether	6.018	45	490719	56.580	ug/l	93
23) Vinyl Acetate	5.964	43	1312461	264.931	ug/l #	92
24) 1,1-Dichloroethane	5.921	63	280503	57.636	ug/l	97
25) 2-Butanone	6.896	43	223529	268.386	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	263518	60.026	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	176151	56.175	ug/l	87
28) Bromochloromethane	7.244	49	123676	60.397	ug/l	81
29) Tetrahydrofuran	7.262	42	129588	255.903	ug/l #	85
30) Chloroform	7.421	83	294814	59.340	ug/l	98
31) Cyclohexane	7.701	56	224673	51.072	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	260377	58.470	ug/l	96
36) 1,1-Dichloropropene	7.835	75	202537	58.055	ug/l	96
37) Ethyl Acetate	6.982	43	89392	50.009	ug/l	96
38) Carbon Tetrachloride	7.817	117	226856	57.663	ug/l	99
39) Methylcyclohexane	9.109	83	250408	53.935	ug/l	91
40) Benzene	8.079	78	601915	56.016	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	56004	53.747	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	165056	57.084	ug/l	95
43) Isopropyl Acetate	8.195	43	194200	51.711	ug/l #	89
44) Trichloroethene	8.866	130	149159	53.974	ug/l	90
45) 1,2-Dichloropropane	9.140	63	147853	56.283	ug/l	100
46) Dibromomethane	9.231	93	77486	53.938	ug/l	95
47) Bromodichloromethane	9.420	83	220514	57.104	ug/l	98
48) Methyl methacrylate	9.219	41	89242	50.321	ug/l #	83
49) 1,4-Dioxane	9.231	88	17184	1016.108	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	494157	261.550	ug/l	91
52) Toluene	10.170	92	382965	55.415	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	194953	52.960	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	231430	53.992	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	106723	53.796	ug/l	98
56) Ethyl methacrylate	10.438	69	152872	50.728	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	184080	53.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	392273	280.456	ug/l	96
59) 2-Hexanone	10.755	43	355589	256.717	ug/l	89
60) Dibromochloromethane	10.908	129	140481	53.531	ug/l	99
61) 1,2-Dibromoethane	11.011	107	93716	50.700	ug/l	99
64) Tetrachloroethene	10.646	164	126651	54.126	ug/l	95
65) Chlorobenzene	11.438	112	419262	56.406	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	144044	55.972	ug/l	99
67) Ethyl Benzene	11.517	91	769642	58.276	ug/l	100
68) m/p-Xylenes	11.627	106	564239	112.987	ug/l	92
69) o-Xylene	11.950	106	271859	55.665	ug/l	93
70) Styrene	11.969	104	463665	56.231	ug/l	95
71) Bromoform	12.127	173	74593	50.747	ug/l #	98
73) Isopropylbenzene	12.249	105	747906	58.852	ug/l	98
74) N-amyl acetate	12.066	43	178812	51.736	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	123612	54.801	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	80641m	49.115	ug/l	
77) Bromobenzene	12.530	156	155008	54.997	ug/l	89
78) n-propylbenzene	12.590	91	899253	59.700	ug/l	99
79) 2-Chlorotoluene	12.676	91	504520	57.474	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	593246	57.422	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	40303	47.123	ug/l	90
82) 4-Chlorotoluene	12.773	91	515086	57.076	ug/l	96
83) tert-Butylbenzene	12.993	119	543155	58.074	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	592740	57.961	ug/l	97
85) sec-Butylbenzene	13.170	105	813595	59.880	ug/l	99
86) p-Isopropyltoluene	13.285	119	660816	59.445	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	315031	57.522	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	308244	56.712	ug/l	97
89) n-Butylbenzene	13.615	91	646463	60.831	ug/l	99
90) Hexachloroethane	13.877	117	130096	56.245	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	271984	55.652	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18910	50.302	ug/l	80
93) 1,2,4-Trichlorobenzene	14.913	180	158615	53.362	ug/l	97
94) Hexachlorobutadiene	15.017	225	91526	57.638	ug/l	99
95) Naphthalene	15.139	128	289974	48.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	131817	51.845	ug/l	98

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

