

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009812.D
 Acq On : 01 Aug 2022 21:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

08/02/2022

Supervised By :Mahesh

Dadoda

08/02/2022

Quant Time: Aug 02 01:43:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	156042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110050	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	50558	48.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.710	113	61169	51.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.360%
50) Toluene-d8	10.179	98	167317	47.894	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.477	95	74848	47.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.460%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	50200	36.137	ug/l	100
3) Chloromethane	2.107	50	81636	47.997	ug/l	99
4) Vinyl Chloride	2.241	62	86673	45.663	ug/l	99
5) Bromomethane	2.637	94	65003	49.400	ug/l	97
6) Chloroethane	2.784	64	58916	51.887	ug/l	99
7) Trichlorofluoromethane	3.113	101	106268	42.382	ug/l	93
8) Diethyl Ether	3.521	74	35388	43.542	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	60514	42.678	ug/l	94
10) Methyl Iodide	4.076	142	79826	43.390	ug/l	90
11) Tert butyl alcohol	4.948	59	27500	178.910	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	55868	41.911	ug/l	83
13) Acrolein	3.723	56	7277	300.246	ug/l	99
14) Allyl chloride	4.466	41	86878	41.452	ug/l #	92
15) Acrylonitrile	5.155	53	93982	240.102	ug/l	97
16) Acetone	3.942	43	67728	181.533	ug/l #	89
17) Carbon Disulfide	4.186	76	166568	40.613	ug/l	99
18) Methyl Acetate	4.466	43	43948	45.618	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	164584	45.213	ug/l	97
20) Methylene Chloride	4.704	84	92403	51.974	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	67920	43.850	ug/l	84
22) Diisopropyl ether	6.112	45	212666	47.646	ug/l	93
23) Vinyl Acetate	6.051	43	687515	229.589	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	117643	45.480	ug/l	99
25) 2-Butanone	6.978	43	118479	215.265	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	92397	37.574	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	78340	45.089	ug/l	85
28) Bromochloromethane	7.326	49	43259	46.392	ug/l #	84
29) Tetrahydrofuran	7.338	42	85056	244.035	ug/l	92
30) Chloroform	7.496	83	144282	53.318	ug/l	99
31) Cyclohexane	7.777	56	109619	44.152	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	123621	50.895	ug/l	96
36) 1,1-Dichloropropene	7.911	75	102853	52.892	ug/l	96
37) Ethyl Acetate	7.070	43	55415	48.081	ug/l	97
38) Carbon Tetrachloride	7.893	117	112511	53.996	ug/l	98
39) Methylcyclohexane	9.179	83	117440	48.754	ug/l	90
40) Benzene	8.155	78	310260	53.848	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	33643m	57.293	ug/l	
42) 1,2-Dichloroethane	8.228	62	89246	55.557	ug/l	90
43) Isopropyl Acetate	8.265	43	108597	53.931	ug/l #	92
44) Trichloroethene	8.935	130	88182	53.351	ug/l	97
45) 1,2-Dichloropropane	9.209	63	76607	54.761	ug/l	92
46) Dibromomethane	9.301	93	45744	54.961	ug/l	94
47) Bromodichloromethane	9.490	83	106140	55.511	ug/l	98
48) Methyl methacrylate	9.289	41	48649	54.942	ug/l #	86
49) 1,4-Dioxane	9.295	88	12246	1009.795	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	297989	290.900	ug/l	92
52) Toluene	10.240	92	181876	50.395	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	97808	49.533	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	122558	54.041	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	60703	51.582	ug/l	98
56) Ethyl methacrylate	10.508	69	76780	52.370	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	99269	51.867	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	191313	254.028	ug/l	94
59) 2-Hexanone	10.831	43	194290	266.137	ug/l	91
60) Dibromochloromethane	10.984	129	75248	52.867	ug/l	99
61) 1,2-Dibromoethane	11.087	107	57855	50.470	ug/l	99
64) Tetrachloroethene	10.715	164	78051	49.869	ug/l	98
65) Chlorobenzene	11.514	112	198333	49.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	77770	52.466	ug/l	98
67) Ethyl Benzene	11.593	91	344251	50.000	ug/l	97
68) m/p-Xylenes	11.703	106	281563	103.020	ug/l	89
69) o-Xylene	12.026	106	132630	51.892	ug/l	87
70) Styrene	12.044	104	231944	53.995	ug/l	93
71) Bromoform	12.203	173	51660	54.578	ug/l #	98
73) Isopropylbenzene	12.331	105	340433	46.535	ug/l	99
74) N-amyl acetate	12.142	43	94069	49.782	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	70717	49.144	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	51245m	50.132	ug/l	
77) Bromobenzene	12.605	156	89448	49.232	ug/l	88
78) n-propylbenzene	12.666	91	416891	47.952	ug/l	97
79) 2-Chlorotoluene	12.752	91	231836	47.118	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	293504	48.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	24031	46.860	ug/l	87
82) 4-Chlorotoluene	12.855	91	244889	47.845	ug/l	95
83) tert-Butylbenzene	13.075	119	257315	47.225	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	297979	48.760	ug/l	97
85) sec-Butylbenzene	13.251	105	382355	47.795	ug/l	98
86) p-Isopropyltoluene	13.367	119	325876	48.162	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	178994	48.793	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	176956	47.900	ug/l	98
89) n-Butylbenzene	13.696	91	294344	47.483	ug/l	99
90) Hexachloroethane	13.959	117	63979	48.069	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	158154	48.273	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11263	46.580	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	99573	48.154	ug/l	99
94) Hexachlorobutadiene	15.111	225	59720	47.700	ug/l	99
95) Naphthalene	15.233	128	197243	50.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	88944	49.179	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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