

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015356.D
 Acq On : 25 Aug 2023 20:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 23:48:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	146517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112608	64.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.060%			
35) Dibromofluoromethane	7.716	113	98290	61.959	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.920%			
50) Toluene-d8	10.179	98	344754	58.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.760%			
62) 4-Bromofluorobenzene	12.483	95	129214	59.907	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27679	43.456	ug/l	99
3) Chloromethane	2.107	50	40129	45.519	ug/l	96
4) Vinyl Chloride	2.247	62	50985	43.731	ug/l	97
5) Bromomethane	2.631	94	47040	59.098	ug/l	99
6) Chloroethane	2.784	64	42329	50.007	ug/l	95
7) Trichlorofluoromethane	3.119	101	97573	49.668	ug/l	100
8) Diethyl Ether	3.528	74	40970	53.176	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	61073	50.021	ug/l	96
10) Methyl Iodide	4.082	142	48078	40.102	ug/l	99
11) Tert butyl alcohol	4.954	59	93259	327.059	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	48575	47.645	ug/l	90
13) Acrolein	3.723	56	18171	139.057	ug/l	97
14) Allyl chloride	4.466	41	86210	47.693	ug/l	97
15) Acrylonitrile	5.155	53	154383	295.680	ug/l	98
16) Acetone	3.942	43	142296	247.656	ug/l	95
17) Carbon Disulfide	4.186	76	69658	38.823	ug/l	96
18) Methyl Acetate	4.473	43	125038	59.384	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	239965	55.355	ug/l	100
20) Methylene Chloride	4.710	84	95311	71.000	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	55746	48.475	ug/l	92
22) Diisopropyl ether	6.112	45	241388	53.518	ug/l	92
23) Vinyl Acetate	6.051	43	689967	256.368	ug/l	95
24) 1,1-Dichloroethane	6.009	63	128815	52.752	ug/l	96
25) 2-Butanone	6.978	43	227731	279.928	ug/l	93
26) 2,2-Dichloropropane	6.978	77	104985	44.598	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	82415	52.463	ug/l	94
28) Bromochloromethane	7.332	49	58403	52.058	ug/l	93
29) Tetrahydrofuran	7.344	42	140376	288.574	ug/l	91
30) Chloroform	7.502	83	150623	55.024	ug/l	97
31) Cyclohexane	7.777	56	74845	47.515	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	122644	52.651	ug/l	99
36) 1,1-Dichloropropene	7.917	75	85045	48.458	ug/l	100
37) Ethyl Acetate	7.070	43	88242	53.941	ug/l	96
38) Carbon Tetrachloride	7.899	117	102134	49.172	ug/l	98
39) Methylcyclohexane	9.179	83	88744	45.106	ug/l	93
40) Benzene	8.155	78	267730	50.457	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	42414m	50.280	ug/l	
42) 1,2-Dichloroethane	8.234	62	104604	54.282	ug/l	96
43) Isopropyl Acetate	8.271	43	159770	53.631	ug/l	98
44) Trichloroethene	8.935	130	78997	51.677	ug/l	98
45) 1,2-Dichloropropane	9.209	63	77719	51.943	ug/l	100
46) Dibromomethane	9.301	93	50939	53.979	ug/l	97
47) Bromodichloromethane	9.496	83	124049	55.087	ug/l	98
48) Methyl methacrylate	9.289	41	72025	56.518	ug/l	95
49) 1,4-Dioxane	9.295	88	22147	1173.634	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	505983	293.060	ug/l	94
52) Toluene	10.240	92	177537	50.764	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	119648	50.557	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	126664	50.820	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	78564	54.753	ug/l	97
56) Ethyl methacrylate	10.508	69	114877	54.705	ug/l	90
57) 1,3-Dichloropropane	10.788	76	128740	54.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	258516	264.530	ug/l	94
59) 2-Hexanone	10.831	43	370656	290.066	ug/l	93
60) Dibromochloromethane	10.984	129	94923	55.458	ug/l	100
61) 1,2-Dibromoethane	11.087	107	72989	53.546	ug/l	100
64) Tetrachloroethene	10.721	164	89449	56.218	ug/l	96
65) Chlorobenzene	11.514	112	210566	50.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	90557	53.635	ug/l	99
67) Ethyl Benzene	11.593	91	357182	48.992	ug/l	98
68) m/p-Xylenes	11.703	106	271916	98.200	ug/l	95
69) o-Xylene	12.026	106	137758	49.940	ug/l	100
70) Styrene	12.044	104	244326	51.176	ug/l	98
71) Bromoform	12.209	173	65205	53.275	ug/l #	99
73) Isopropylbenzene	12.331	105	371901	47.420	ug/l	99
74) N-amyl acetate	12.142	43	139083	49.118	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	105337	51.570	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	83041m	56.041	ug/l	
77) Bromobenzene	12.605	156	93600	48.962	ug/l	96
78) n-propylbenzene	12.672	91	442354	47.498	ug/l	99
79) 2-Chlorotoluene	12.758	91	260775	48.538	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	315992	48.335	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	31035	46.004	ug/l	99
82) 4-Chlorotoluene	12.855	91	273199	49.220	ug/l	100
83) tert-Butylbenzene	13.075	119	286526	47.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	318530	48.760	ug/l	99
85) sec-Butylbenzene	13.251	105	426239	48.649	ug/l	99
86) p-Isopropyltoluene	13.367	119	354823	48.847	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	187038	49.328	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	186601	49.065	ug/l	99
89) n-Butylbenzene	13.696	91	329079	48.048	ug/l	97
90) Hexachloroethane	13.959	117	67570	46.889	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	180048	50.830	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20793	52.549	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	111703	49.120	ug/l	98
94) Hexachlorobutadiene	15.111	225	59479	48.084	ug/l	99
95) Naphthalene	15.233	128	297013	52.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	104905	51.080	ug/l	99

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

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