

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019164.D
 Acq On : 20 Aug 2024 20:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 8.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 21 01:35:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/21/2024
 Supervised By :Mahesh Dadoda 08/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	111204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	178927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	78209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53564	48.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.100%		
35) Dibromofluoromethane	7.622	113	56942	48.671	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.103	98	215821	51.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.520%		
62) 4-Bromofluorobenzene	12.408	95	71419	49.761	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	99.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	32078	39.317	ug/l	99
3) Chloromethane	2.068	50	61762	41.997	ug/l	96
4) Vinyl Chloride	2.202	62	80936	44.555	ug/l	98
5) Bromomethane	2.592	94	62085	56.777	ug/l	99
6) Chloroethane	2.732	64	55472	47.823	ug/l	99
7) Trichlorofluoromethane	3.050	101	113930	41.484	ug/l	95
8) Diethyl Ether	3.452	74	26863	45.315	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	53159	43.539	ug/l	98
10) Methyl Iodide	4.001	142	59514	49.730	ug/l	93
11) Tert butyl alcohol	4.848	59	21112	216.749	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	50183	45.240	ug/l	99
13) Acrolein	3.647	56	16994	198.961	ug/l	98
14) Allyl chloride	4.372	41	67956	46.078	ug/l	94
15) Acrylonitrile	5.043	53	57995	239.097	ug/l	97
16) Acetone	3.860	43	42816	207.110	ug/l	87
17) Carbon Disulfide	4.098	76	144494	46.183	ug/l	99
18) Methyl Acetate	4.366	43	29668	46.760	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	126123	46.898	ug/l	98
20) Methylene Chloride	4.604	84	60814	46.690	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	58399	47.123	ug/l	96
22) Diisopropyl ether	6.006	45	157772	46.731	ug/l	94
23) Vinyl Acetate	5.951	43	629953	235.674	ug/l	97
24) 1,1-Dichloroethane	5.909	63	94747	45.889	ug/l	98
25) 2-Butanone	6.884	43	74534	223.871	ug/l	89
26) 2,2-Dichloropropane	6.878	77	68306	40.853	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	69589	47.715	ug/l	98
28) Bromochloromethane	7.238	49	42693	49.293	ug/l	98
29) Tetrahydrofuran	7.250	42	50212	234.615	ug/l	95
30) Chloroform	7.408	83	110309	47.946	ug/l	98
31) Cyclohexane	7.695	56	76785	47.982	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	94838	46.906	ug/l	97
36) 1,1-Dichloropropene	7.829	75	74905	46.625	ug/l	98
37) Ethyl Acetate	6.976	43	35399	49.734	ug/l	98
38) Carbon Tetrachloride	7.811	117	87038	46.750	ug/l	98
39) Methylcyclohexane	9.103	83	92791	45.009	ug/l	95
40) Benzene	8.073	78	235374	47.771	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	16567m	42.645	ug/l	
42) 1,2-Dichloroethane	8.146	62	61374	46.128	ug/l	98
43) Isopropyl Acetate	8.189	43	66481	46.184	ug/l #	83
44) Trichloroethene	8.859	130	62102	45.171	ug/l	96
45) 1,2-Dichloropropane	9.134	63	50475	45.979	ug/l	96
46) Dibromomethane	9.225	93	34468	48.409	ug/l	98
47) Bromodichloromethane	9.420	83	84053	48.117	ug/l	99
48) Methyl methacrylate	9.213	41	31002	48.326	ug/l	90
49) 1,4-Dioxane	9.219	88	8154	945.384	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	184490	241.475	ug/l	95
52) Toluene	10.170	92	156178	48.288	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	68796	47.476	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	80476	46.179	ug/l #	90
55) 1,1,2-Trichloroethane	10.573	97	43924	47.921	ug/l	96
56) Ethyl methacrylate	10.438	69	56833	47.371	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	71695	47.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	151641	266.431	ug/l	95
59) 2-Hexanone	10.762	43	123716	235.698	ug/l	93
60) Dibromochloromethane	10.908	129	61394	49.177	ug/l	98
61) 1,2-Dibromoethane	11.011	107	43875	49.524	ug/l	98
64) Tetrachloroethene	10.646	164	68086	48.667	ug/l	98
65) Chlorobenzene	11.444	112	173277	47.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	61227	47.241	ug/l	97
67) Ethyl Benzene	11.518	91	305144	47.703	ug/l	99
68) m/p-Xylenes	11.627	106	241278	95.060	ug/l	100
69) o-Xylene	11.956	106	112441	47.838	ug/l	99
70) Styrene	11.969	104	195852	48.863	ug/l	98
71) Bromoform	12.133	173	36616	49.422	ug/l #	96
73) Isopropylbenzene	12.255	105	293482	48.960	ug/l	100
74) N-amyl acetate	12.072	43	61682	47.190	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	49229	46.130	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	37949m	49.202	ug/l	
77) Bromobenzene	12.536	156	69461	48.250	ug/l	95
78) n-propylbenzene	12.597	91	342784	47.836	ug/l	100
79) 2-Chlorotoluene	12.682	91	193789	48.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	238785	48.898	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	14323	45.863	ug/l	89
82) 4-Chlorotoluene	12.779	91	197841	47.333	ug/l	98
83) tert-Butylbenzene	12.999	119	216063	47.911	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	233773	48.032	ug/l	100
85) sec-Butylbenzene	13.176	105	313372	47.685	ug/l	99
86) p-Isopropyltoluene	13.292	119	261830	48.505	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	136607	48.117	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	134608	47.697	ug/l	98
89) n-Butylbenzene	13.621	91	228366	46.402	ug/l	99
90) Hexachloroethane	13.883	117	52736	49.566	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	117721	47.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6750	42.996	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	60274	42.804	ug/l	98
94) Hexachlorobutadiene	15.029	225	33197	45.261	ug/l	98
95) Naphthalene	15.151	128	115228	45.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	53950	45.426	ug/l	99

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

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