

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019348.D
 Acq On : 28 Aug 2024 22:40
 Operator : SY/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 :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

Quant Time: Aug 29 01:42:42 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

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	102514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	164427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	111135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	77833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57716	56.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.320%			
35) Dibromofluoromethane	7.622	113	56456	52.511	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.020%			
50) Toluene-d8	10.103	98	202968	52.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.920%			
62) 4-Bromofluorobenzene	12.408	95	57473	43.575	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 87.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	33495	44.534	ug/l	99
3) Chloromethane	2.062	50	61503	45.366	ug/l	97
4) Vinyl Chloride	2.196	62	69816	41.692	ug/l	100
5) Bromomethane	2.586	94	51419	50.328	ug/l	93
6) Chloroethane	2.727	64	46304	42.867	ug/l	96
7) Trichlorofluoromethane	3.037	101	89353	35.293	ug/l	98
8) Diethyl Ether	3.446	74	26172	47.892	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.806	101	49483	43.964	ug/l	98
10) Methyl Iodide	3.989	142	54813	49.684	ug/l	94
11) Tert butyl alcohol	4.842	59	18741	206.875	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	46643	45.613	ug/l	94
13) Acrolein	3.641	56	9621	113.933	ug/l	92
14) Allyl chloride	4.366	41	70411	51.790	ug/l	91
15) Acrylonitrile	5.037	53	58876	263.305	ug/l	97
16) Acetone	3.854	43	46391	243.426	ug/l #	81
17) Carbon Disulfide	4.092	76	125973	43.677	ug/l	99
18) Methyl Acetate	4.379	43	32958	56.348	ug/l	91
19) Methyl tert-butyl Ether	5.098	73	129439	52.211	ug/l	96
20) Methylene Chloride	4.604	84	58581	49.366	ug/l	95
21) trans-1,2-Dichloroethene	5.098	96	54667	47.851	ug/l	91
22) Diisopropyl ether	6.000	45	169839	54.569	ug/l #	89
23) Vinyl Acetate	5.945	43	649899	263.746	ug/l	96
24) 1,1-Dichloroethane	5.903	63	98351	51.672	ug/l	100
25) 2-Butanone	6.878	43	76867	250.449	ug/l #	87
26) 2,2-Dichloropropane	6.872	77	72484	47.027	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	66895	49.756	ug/l	98
28) Bromochloromethane	7.232	49	42655	53.424	ug/l	93
29) Tetrahydrofuran	7.250	42	52679	267.008	ug/l	88
30) Chloroform	7.409	83	109584	51.668	ug/l	98
31) Cyclohexane	7.695	56	71381	48.426	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	96811	51.940	ug/l	97
36) 1,1-Dichloropropene	7.829	75	72655	49.213	ug/l	98
37) Ethyl Acetate	6.970	43	35965	54.985	ug/l	97
38) Carbon Tetrachloride	7.805	117	87072	50.892	ug/l	96
39) Methylcyclohexane	9.103	83	84997	44.864	ug/l	91
40) Benzene	8.073	78	228270	50.415	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.201	41	21595m	60.489	ug/l	
42) 1,2-Dichloroethane	8.146	62	64435	52.699	ug/l	96
43) Isopropyl Acetate	8.189	43	69846	52.801	ug/l #	80
44) Trichloroethene	8.860	130	62142	49.186	ug/l	96
45) 1,2-Dichloropropane	9.134	63	51452	51.003	ug/l	98
46) Dibromomethane	9.225	93	32687	49.956	ug/l	99
47) Bromodichloromethane	9.414	83	84874	52.872	ug/l	99
48) Methyl methacrylate	9.213	41	32852	55.725	ug/l	85
49) 1,4-Dioxane	9.219	88	8520	1074.929	ug/l #	94
51) 4-Methyl-2-Pentanone	9.994	43	191444	272.674	ug/l	91
52) Toluene	10.170	92	151936	51.120	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	70115	52.653	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	81019	50.590	ug/l #	86
55) 1,1,2-Trichloroethane	10.567	97	38973	46.269	ug/l	97
56) Ethyl methacrylate	10.439	69	58325	52.901	ug/l #	82
57) 1,3-Dichloropropane	10.713	76	60841	44.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	137876	263.608	ug/l	97
59) 2-Hexanone	10.762	43	102322	212.130	ug/l	93
60) Dibromochloromethane	10.908	129	52868	46.082	ug/l	97
61) 1,2-Dibromoethane	11.012	107	36290	44.575	ug/l	97
64) Tetrachloroethene	10.646	164	58085	59.795	ug/l	98
65) Chlorobenzene	11.438	112	129794	50.720	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	49068	54.525	ug/l	99
67) Ethyl Benzene	11.518	91	240238	54.088	ug/l	97
68) m/p-Xylenes	11.627	106	198066	112.385	ug/l	98
69) o-Xylene	11.957	106	88185	54.033	ug/l	96
70) Styrene	11.969	104	151178	54.320	ug/l	98
71) Bromoform	12.133	173	25345	49.268	ug/l #	95
73) Isopropylbenzene	12.255	105	219263	36.755	ug/l	98
74) N-amyl acetate	12.072	43	50290	38.660	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	37231	35.056	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	27132m	35.348	ug/l	
77) Bromobenzene	12.530	156	48307	33.718	ug/l	98
78) n-propylbenzene	12.597	91	256694	35.995	ug/l	100
79) 2-Chlorotoluene	12.682	91	145387	36.364	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	182065	37.463	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10965	35.280	ug/l	90
82) 4-Chlorotoluene	12.780	91	171368	41.198	ug/l	99
83) tert-Butylbenzene	12.999	119	221300	49.310	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	248189	51.241	ug/l	98
85) sec-Butylbenzene	13.176	105	320429	48.994	ug/l	98
86) p-Isopropyltoluene	13.292	119	272792	50.780	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	140282	49.650	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	138083	49.165	ug/l	99
89) n-Butylbenzene	13.621	91	240939	49.194	ug/l	99
90) Hexachloroethane	13.877	117	52700	49.771	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	123496	49.697	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7772	49.745	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	68034	48.548	ug/l	98
94) Hexachlorobutadiene	15.023	225	38468	52.701	ug/l	97
95) Naphthalene	15.145	128	122014	48.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	58667	49.636	ug/l	99

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

