

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019078.D
 Acq On : 15 Aug 2024 20:39
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081524

Quant Time: Aug 16 05:13:29 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 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	137629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	217486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	190034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	95069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	66729	48.368	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.740%		
35) Dibromofluoromethane	7.622	113	70304	49.438	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.880%		
50) Toluene-d8	10.103	98	255566	49.940	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.880%		
62) 4-Bromofluorobenzene	12.401	95	89327	51.204	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	102.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	49339	48.862	ug/l	96
3) Chloromethane	2.068	50	84986	46.694	ug/l	100
4) Vinyl Chloride	2.196	62	103648	46.103	ug/l	99
5) Bromomethane	2.586	94	75076	55.321	ug/l	96
6) Chloroethane	2.726	64	66544	46.200	ug/l	99
7) Trichlorofluoromethane	3.043	101	153342	45.114	ug/l	93
8) Diethyl Ether	3.445	74	35564	48.474	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	68782	45.519	ug/l	97
10) Methyl Iodide	3.994	142	68548	46.281	ug/l	94
11) Tert butyl alcohol	4.835	59	30227	258.538	ug/l #	82
12) 1,1-Dichloroethene	3.775	96	64136	46.717	ug/l	97
13) Acrolein	3.641	56	26178	252.873	ug/l	96
14) Allyl chloride	4.366	41	86574	47.431	ug/l	92
15) Acrylonitrile	5.043	53	74494	248.151	ug/l	99
16) Acetone	3.854	43	58000	226.691	ug/l #	87
17) Carbon Disulfide	4.092	76	185421	47.885	ug/l	99
18) Methyl Acetate	4.372	43	37659	47.958	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	162726	48.891	ug/l	95
20) Methylene Chloride	4.592	84	82773	52.630	ug/l	98
21) trans-1,2-Dichloroethene	5.098	96	73485	47.911	ug/l	94
22) Diisopropyl ether	6.006	45	199954	47.853	ug/l	95
23) Vinyl Acetate	5.945	43	810796	245.090	ug/l	99
24) 1,1-Dichloroethane	5.896	63	120124	47.009	ug/l	100
25) 2-Butanone	6.878	43	97061	235.558	ug/l	91
26) 2,2-Dichloropropane	6.872	77	93337	45.106	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	86633	47.996	ug/l	99
28) Bromochloromethane	7.231	49	50551	47.159	ug/l	100
29) Tetrahydrofuran	7.250	42	62308	235.236	ug/l	96
30) Chloroform	7.408	83	136022	47.771	ug/l	97
31) Cyclohexane	7.689	56	99272	50.332	ug/l	98
32) 1,1,1-Trichloroethane	7.603	97	122157	48.817	ug/l	98
36) 1,1-Dichloropropene	7.823	75	92114	47.172	ug/l	99
37) Ethyl Acetate	6.969	43	44392	51.311	ug/l	98
38) Carbon Tetrachloride	7.804	117	110399	48.784	ug/l	99
39) Methylcyclohexane	9.103	83	119514	47.693	ug/l	99
40) Benzene	8.067	78	287166	47.950	ug/l	97

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41) Methacrylonitrile	7.219	41	27584m	58.415	ug/l	
42) 1,2-Dichloroethane	8.146	62	76516	47.312	ug/l	97
43) Isopropyl Acetate	8.182	43	85305	48.755	ug/l #	82
44) Trichloroethene	8.853	130	79972	47.856	ug/l	97
45) 1,2-Dichloropropane	9.127	63	65565	49.136	ug/l	93
46) Dibromomethane	9.219	93	41807	48.307	ug/l	99
47) Bromodichloromethane	9.414	83	103667	48.824	ug/l	99
48) Methyl methacrylate	9.213	41	38530	49.412	ug/l #	89
49) 1,4-Dioxane	9.219	88	10584	1009.560	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	234825	252.864	ug/l	93
52) Toluene	10.164	92	190621	48.489	ug/l	98
53) t-1,3-Dichloropropene	10.389	75	88432	50.207	ug/l	99
54) cis-1,3-Dichloropropene	9.847	75	103846	49.024	ug/l #	87
55) 1,1,2-Trichloroethane	10.566	97	54895	49.272	ug/l	97
56) Ethyl methacrylate	10.438	69	75640	51.869	ug/l #	86
57) 1,3-Dichloropropane	10.712	76	90749	49.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	183842	265.740	ug/l	96
59) 2-Hexanone	10.755	43	157561	246.958	ug/l	95
60) Dibromochloromethane	10.908	129	75438	49.713	ug/l	99
61) 1,2-Dibromoethane	11.011	107	53530	49.710	ug/l	100
64) Tetrachloroethene	10.645	164	81433	49.025	ug/l	98
65) Chlorobenzene	11.438	112	209031	47.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	74284	48.274	ug/l	98
67) Ethyl Benzene	11.517	91	366722	48.286	ug/l	96
68) m/p-Xylenes	11.627	106	288509	95.737	ug/l	99
69) o-Xylene	11.950	106	138447	49.610	ug/l	99
70) Styrene	11.968	104	233760	49.120	ug/l	98
71) Bromoform	12.133	173	43368	49.301	ug/l #	100
73) Isopropylbenzene	12.255	105	359538	49.343	ug/l	100
74) N-amyl acetate	12.072	43	80620	50.740	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	64209	49.497	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	43813m	46.731	ug/l	
77) Bromobenzene	12.529	156	82916	47.382	ug/l	99
78) n-propylbenzene	12.596	91	425016	48.793	ug/l	99
79) 2-Chlorotoluene	12.676	91	240222	49.190	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	291472	49.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17948	47.278	ug/l	91
82) 4-Chlorotoluene	12.779	91	246401	48.497	ug/l	99
83) tert-Butylbenzene	12.999	119	267705	48.835	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	285674	48.287	ug/l	100
85) sec-Butylbenzene	13.175	105	389071	48.704	ug/l	99
86) p-Isopropyltoluene	13.291	119	323385	49.284	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	166872	48.354	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	163955	47.793	ug/l	98
89) n-Butylbenzene	13.614	91	297675	49.759	ug/l	99
90) Hexachloroethane	13.877	117	64315	49.728	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	145892	48.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8812	46.176	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	85082	49.706	ug/l	98
94) Hexachlorobutadiene	15.023	225	47514	53.292	ug/l	99
95) Naphthalene	15.145	128	159988	52.371	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	74591	51.667	ug/l	98

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

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