

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019297.D
 Acq On : 27 Aug 2024 19:44
 Operator : SY/MD
 Sample : P3663-06MSD
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 914-J-SD-0.5-1-081624MSD

Quant Time: Aug 28 01:50:03 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 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	75702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	108688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	54003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	14108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	37327	49.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.380%		
35) Dibromofluoromethane	7.622	113	39683	55.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	111.680%		
50) Toluene-d8	10.103	98	91200	35.661	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	71.320%		
62) 4-Bromofluorobenzene	12.408	95	16367	18.773	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	37.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	31198	56.171	ug/l	99
3) Chloromethane	2.068	50	60606	60.538	ug/l	100
4) Vinyl Chloride	2.196	62	68370	55.289	ug/l	98
5) Bromomethane	2.586	94	47770	65.047	ug/l	100
6) Chloroethane	2.727	64	45612	59.119	ug/l	95
7) Trichlorofluoromethane	3.044	101	100195	53.592	ug/l	99
8) Diethyl Ether	3.446	74	21664	53.684	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.799	101	41264	49.647	ug/l	97
10) Methyl Iodide	3.995	142	42359	51.995	ug/l	94
11) Tert butyl alcohol	4.836	59	13648	203.327	ug/l #	83
12) 1,1-Dichloroethene	3.775	96	39493	52.300	ug/l	93
14) Allyl chloride	4.366	41	53197	52.986	ug/l	91
15) Acrylonitrile	5.037	53	44800	271.316	ug/l	97
16) Acetone	3.854	43	37292	264.987	ug/l #	82
17) Carbon Disulfide	4.092	76	103065	48.390	ug/l	99
18) Methyl Acetate	4.366	43	119963	277.744	ug/l	92
19) Methyl tert-butyl Ether	5.098	73	104846	57.270	ug/l	96
20) Methylene Chloride	4.598	84	55005	66.260	ug/l	91
21) trans-1,2-Dichloroethene	5.092	96	42699	50.613	ug/l	97
22) Diisopropyl ether	6.006	45	128452	55.889	ug/l	97
24) 1,1-Dichloroethane	5.903	63	77895	55.419	ug/l	98
25) 2-Butanone	6.878	43	55354	244.233	ug/l	89
26) 2,2-Dichloropropane	6.866	77	60808	53.425	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	50061	50.423	ug/l	97
28) Bromochloromethane	7.232	49	33360	56.581	ug/l	95
29) Tetrahydrofuran	7.250	42	37528	257.583	ug/l	90
30) Chloroform	7.409	83	84565	53.994	ug/l	97
31) Cyclohexane	7.689	56	50838	46.538	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	74603	54.202	ug/l	97
36) 1,1-Dichloropropene	7.829	75	50147	51.387	ug/l	98
37) Ethyl Acetate	6.970	43	14655	33.896	ug/l #	77
38) Carbon Tetrachloride	7.805	117	63794	56.408	ug/l	97
39) Methylcyclohexane	9.103	83	42150	33.658	ug/l #	89
40) Benzene	8.073	78	161966	54.116	ug/l	100
41) Methacrylonitrile	7.213	41	13319	56.440	ug/l	93
42) 1,2-Dichloroethane	8.146	62	45516	56.316	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019297.D
 Acq On : 27 Aug 2024 19:44
 Operator : SY/MD
 Sample : P3663-06MSD
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 914-J-SD-0.5-1-081624MSD

Quant Time: Aug 28 01:50:03 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 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Isopropyl Acetate	8.189	43	33449	38.254	ug/l	#	81
44) Trichloroethene	8.860	130	32385	38.779	ug/l		98
45) 1,2-Dichloropropane	9.134	63	31413	47.108	ug/l		97
46) Dibromomethane	9.225	93	18632	43.079	ug/l		97
47) Bromodichloromethane	9.420	83	45971	43.323	ug/l		98
48) Methyl methacrylate	9.213	41	19952	51.200	ug/l	#	90
49) 1,4-Dioxane	9.225	88	5354	1021.904	ug/l	#	97
51) 4-Methyl-2-Pentanone	9.993	43	100867	217.341	ug/l		93
52) Toluene	10.170	92	71338	36.311	ug/l		97
53) t-1,3-Dichloropropene	10.390	75	33168	37.681	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	43322	40.924	ug/l	#	89
55) 1,1,2-Trichloroethane	10.573	97	23348	41.934	ug/l		95
56) Ethyl methacrylate	10.439	69	19004	26.076	ug/l	#	87
57) 1,3-Dichloropropane	10.713	76	37180	40.963	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.707	63	31015	89.709	ug/l		98
59) 2-Hexanone	10.756	43	60066	188.388	ug/l		93
60) Dibromochloromethane	10.908	129	26414	34.831	ug/l		97
61) 1,2-Dibromoethane	11.012	107	20103	37.356	ug/l		99
64) Tetrachloroethene	10.646	164	24986	52.933	ug/l		94
65) Chlorobenzene	11.438	112	58411	46.974	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.518	131	27104	61.981	ug/l		96
67) Ethyl Benzene	11.518	91	109823	50.885	ug/l		97
68) m/p-Xylenes	11.627	106	81913	95.650	ug/l		96
69) o-Xylene	11.957	106	37320	47.059	ug/l		100
70) Styrene	11.969	104	29942	22.140	ug/l	#	87
71) Bromoform	12.127	173	13299	53.201	ug/l	#	93
73) Isopropylbenzene	12.255	105	92399	85.451	ug/l		99
74) N-amyl acetate	12.072	43	4570	19.382	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.505	83	17625	91.556	ug/l		95
76) 1,2,3-Trichloropropane	12.554	75	17111m	122.985	ug/l		
77) Bromobenzene	12.530	156	17558	67.612	ug/l		96
78) n-propylbenzene	12.597	91	93639	72.440	ug/l		99
79) 2-Chlorotoluene	12.676	91	46686	64.421	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	57890	65.717	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	4812	85.416	ug/l	#	77
82) 4-Chlorotoluene	12.773	91	43585	57.807	ug/l		97
83) tert-Butylbenzene	12.999	119	60902	74.865	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	55852	63.617	ug/l		97
85) sec-Butylbenzene	13.176	105	75082	63.335	ug/l		99
86) p-Isopropyltoluene	13.292	119	55188	56.677	ug/l		98
87) 1,3-Dichlorobenzene	13.286	146	22897	44.709	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	22542	44.280	ug/l		100
89) n-Butylbenzene	13.615	91	39263	44.227	ug/l		99
90) Hexachloroethane	13.877	117	11784	61.398	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	20721	46.003	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2214	78.179	ug/l		91
93) 1,2,4-Trichlorobenzene	14.926	180	4947	19.475	ug/l		98
94) Hexachlorobutadiene	15.023	225	4795	36.241	ug/l		95
95) Naphthalene	15.145	128	7824	17.259	ug/l		97
96) 1,2,3-Trichlorobenzene	15.328	180	3556	16.598	ug/l		96

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