

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015322.D
 Acq On : 24 Aug 2023 19:13
 Operator : SY/MD
 Sample : 04109-03MSD
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)MSD

Quant Time: Aug 25 03:25:06 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 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70710	48.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.040%		
35) Dibromofluoromethane	7.716	113	68239	53.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.720%		
50) Toluene-d8	10.179	98	246191	51.719	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.440%		
62) 4-Bromofluorobenzene	12.477	95	84377	48.530	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24599	46.477	ug/l	97
3) Chloromethane	2.113	50	30129	40.397	ug/l	100
4) Vinyl Chloride	2.247	62	44039	45.120	ug/l	95
5) Bromomethane	2.644	94	32128	46.551	ug/l	96
6) Chloroethane	2.790	64	34267	48.357	ug/l	95
7) Trichlorofluoromethane	3.119	101	81190	49.367	ug/l	96
8) Diethyl Ether	3.528	74	28927	44.848	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.900	101	51631	50.513	ug/l	97
10) Methyl Iodide	4.089	142	47069	46.897	ug/l	99
11) Tert butyl alcohol	4.954	59	41173	164.291	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	40512	47.465	ug/l	95
13) Acrolein	3.723	56	8196	37.773	ug/l	94
14) Allyl chloride	4.479	41	61758	40.812	ug/l #	90
15) Acrylonitrile	5.162	53	81139	185.627	ug/l	97
16) Acetone	3.942	43	91908	191.072	ug/l	97
17) Carbon Disulfide	4.192	76	62887	41.867	ug/l	98
18) Methyl Acetate	4.479	43	87441	49.606	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	166075	45.762	ug/l	98
20) Methylene Chloride	4.716	84	64311	56.308	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	44545	46.269	ug/l	96
22) Diisopropyl ether	6.119	45	177337	46.965	ug/l	89
23) Vinyl Acetate	6.058	43	310909m	137.993	ug/l	
24) 1,1-Dichloroethane	6.015	63	99490	48.668	ug/l	97
25) 2-Butanone	6.984	43	127795	187.641	ug/l	96
26) 2,2-Dichloropropane	6.978	77	88192	44.752	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	63235	48.083	ug/l	93
28) Bromochloromethane	7.332	49	39327	41.873	ug/l	90
29) Tetrahydrofuran	7.344	42	73069	179.426	ug/l	89
30) Chloroform	7.503	83	112375	49.036	ug/l	96
31) Cyclohexane	7.783	56	63468	48.164	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	99414	50.979	ug/l	99
36) 1,1-Dichloropropene	7.917	75	69293	48.981	ug/l	99
37) Ethyl Acetate	7.070	43	39881	30.244	ug/l	96
38) Carbon Tetrachloride	7.899	117	83196	49.691	ug/l	98
39) Methylcyclohexane	9.179	83	73928	46.615	ug/l	97
40) Benzene	8.161	78	205877	48.135	ug/l	100

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41) Methacrylonitrile	7.307	41	20503m	30.153	ug/l	
42) 1,2-Dichloroethane	8.234	62	70600	45.450	ug/l	95
43) Isopropyl Acetate	8.271	43	97438	40.576	ug/l	99
44) Trichloroethene	8.941	130	60922	49.441	ug/l	92
45) 1,2-Dichloropropane	9.216	63	58030	48.115	ug/l	99
46) Dibromomethane	9.307	93	33606	44.179	ug/l	96
47) Bromodichloromethane	9.496	83	91271	50.282	ug/l	99
48) Methyl methacrylate	9.295	41	48400	47.116	ug/l	97
49) 1,4-Dioxane	9.295	88	11967	786.732	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	284596	204.491	ug/l	93
52) Toluene	10.246	92	134041	47.547	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	80013	41.943	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	88845	44.222	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	56854	49.155	ug/l	95
56) Ethyl methacrylate	10.508	69	64573	38.148	ug/l	91
57) 1,3-Dichloropropane	10.789	76	84286	44.604	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	165854	210.542	ug/l	92
59) 2-Hexanone	10.831	43	206848	200.818	ug/l	94
60) Dibromochloromethane	10.984	129	63245	45.840	ug/l	100
61) 1,2-Dibromoethane	11.087	107	45561	41.466	ug/l	94
64) Tetrachloroethene	10.721	164	61154	53.262	ug/l	98
65) Chlorobenzene	11.514	112	153716	51.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	64316	52.789	ug/l	98
67) Ethyl Benzene	11.593	91	273408	51.968	ug/l	99
68) m/p-Xylenes	11.703	106	205671	102.930	ug/l	95
69) o-Xylene	12.026	106	103415	51.953	ug/l	96
70) Styrene	12.044	104	172530	50.079	ug/l	97
71) Bromoform	12.209	173	39856	45.126	ug/l #	98
73) Isopropylbenzene	12.331	105	284233	61.441	ug/l	100
74) N-amyl acetate	12.142	43	67462	40.390	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	67395	55.936	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	46945m	53.710	ug/l	
77) Bromobenzene	12.605	156	64281	57.006	ug/l	99
78) n-propylbenzene	12.672	91	323451	58.879	ug/l	99
79) 2-Chlorotoluene	12.758	91	184461	58.207	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	228531	59.263	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13721	34.481	ug/l	98
82) 4-Chlorotoluene	12.855	91	188132	57.462	ug/l	99
83) tert-Butylbenzene	13.075	119	212683	60.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	224422	58.241	ug/l	98
85) sec-Butylbenzene	13.252	105	298206	57.702	ug/l	99
86) p-Isopropyltoluene	13.367	119	240721	56.181	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	123095	55.037	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	121269	54.059	ug/l	99
89) n-Butylbenzene	13.697	91	202080	50.021	ug/l	96
90) Hexachloroethane	13.959	117	46113	54.249	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	114850	54.968	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11381	48.762	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	56203	41.899	ug/l	97
94) Hexachlorobutadiene	15.111	225	20679	28.341	ug/l	98
95) Naphthalene	15.233	128	158532	47.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51153	42.226	ug/l	97

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

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