

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030624\
 Data File : VW028112.D
 Acq On : 06 Mar 2024 12:01
 Operator : SY/MD
 Sample : P1677-03MSD
 Misc : 10.65g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E06X7MSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:17:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 07 00:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	342098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	297171	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	138515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	105149	25.749	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.000%			
7) Chloroethane-d5	2.899	69	84304	26.649	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.600%			
11) 1,1-Dichloroethene-d2	4.027	65	43855	26.291	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.160%			
21) 2-Butanone-d5	7.075	46	40703	69.872	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.740%#			
24) Chloroform-d	7.648	84	211102	29.135	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.520%			
26) 1,2-Dichloroethane-d4	8.306	65	101940	30.230	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.920%			
32) Benzene-d6	8.276	84	412416	29.729	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 118.920%			
36) 1,2-Dichloropropane-d6	9.270	67	108776	30.348	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.400%#			
41) Toluene-d8	10.324	98	385551	29.491	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 117.960%			
43) trans-1,3-Dichloroprop...	10.574	79	50825	32.358	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 129.440%			
47) 2-Hexanone-d5	10.922	63	41080	81.369	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 162.740%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93549	33.069	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 132.280%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	111896	27.163	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	85635	24.502	ug/L	93
3) Chloromethane	2.228	50	79852	24.030	ug/L	98
5) Vinyl chloride	2.374	62	106953	23.095	ug/L	95
6) Bromomethane	2.789	94	85161	23.050	ug/L	95
8) Chloroethane	2.935	64	59617	20.499	ug/L	99
9) Trichlorofluoromethane	3.265	101	93461	21.637	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	102811	22.894	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	97530m	22.934	ug/L	
13) Acetone	4.118	43	42825	52.594	ug/L	97
14) Carbon disulfide	4.399	76	281084	21.698	ug/L	97
15) Methyl Acetate	4.673	43	31517	27.385	ug/L	97
16) Methylene chloride	4.923	84	95493	20.292	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	106021	23.332	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	143712	25.824	ug/L	99
19) 1,1-Dichloroethane	6.215	63	170961	23.794	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	114040	23.847	ug/L	97
22) 2-Butanone	7.172	43	51063	56.152	ug/L	100
23) Bromochloromethane	7.514	128	53930	24.022	ug/L	97
25) Chloroform	7.678	83	194286	24.210	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118579	24.849	ug/L	100
29) Cyclohexane	7.959	56	135344	23.684	ug/L	98
30) 1,1,1-Trichloroethane	7.867	97	160973	24.261	ug/L	99
31) Carbon tetrachloride	8.069	117	153744	24.813	ug/L	99
33) Benzene	8.325	78	406310	25.308	ug/L	100
34) Trichloroethene	9.093	95	112005	23.811	ug/L	93
35) Methylcyclohexane	9.337	83	160845	21.127	ug/L	98
37) 1,2-Dichloropropane	9.367	63	94614	25.307	ug/L	99
38) Bromodichloromethane	9.642	83	136001	25.185	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	164316	26.726	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	91703	61.755	ug/L	99
42) Toluene	10.385	91	458802	25.292	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	135795	27.189	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	80740	25.750	ug/L	97
46) Tetrachloroethene	10.861	164	89217	22.630	ug/L	93
48) 2-Hexanone	10.964	43	74218	61.813	ug/L	99
49) Dibromochloromethane	11.123	129	92340	25.333	ug/L	90
50) 1,2-Dibromoethane	11.233	107	80227	26.566	ug/L #	97
51) Chlorobenzene	11.653	112	280727	23.193	ug/L	90
52) Ethylbenzene	11.726	91	491487	23.698	ug/L	98
53) m,p-Xylene	11.836	106	194714	24.197	ug/L	96
54) o-Xylene	12.159	106	185062	24.301	ug/L	99
55) Styrene	12.178	104	305343	23.510	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	90292	26.707	ug/L	97
59) Bromoform	12.348	173	55696	28.363	ug/L	97
60) Isopropylbenzene	12.458	105	472198	24.849	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63638	29.887	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	305897	24.552	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	379373	25.534	ug/L	97
64) 1,3-Dichlorobenzene	13.501	146	186704	21.259	ug/L	93
65) 1,4-Dichlorobenzene	13.580	146	187320	21.127	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	170198	21.514	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	14124	31.582	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	106575	16.444	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	85296	16.388	ug/L	95
71) Naphthalene	15.360	128	201868	23.714	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	66303	15.233	ug/L #	86

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

