

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029045.D
 Acq On : 06 Jun 2024 18:08
 Operator : SY/MD
 Sample : P2696-09REMS
 Misc : 5.18g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4BN7REMS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2024
 Supervised By : Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	391228	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	279446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	70416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	149086	23.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.960%		
7) Chloroethane-d5	2.893	69	115565	24.214	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.840%		
11) 1,1-Dichloroethene-d2	4.015	65	61612	22.554	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.200%		
21) 2-Butanone-d5	7.075	46	68736	54.129	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.260%		
24) Chloroform-d	7.648	84	269465	24.143	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	8.307	65	152384	25.933	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.720%		
32) Benzene-d6	8.276	84	521034	30.378	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	121.520%		
36) 1,2-Dichloropropane-d6	9.270	67	163153	31.373	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	125.480%#		
41) Toluene-d8	10.319	98	396235	25.888	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.560%		
43) trans-1,3-Dichloroprop...	10.575	79	49871	24.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.840%		
47) 2-Hexanone-d5	10.922	63	48070	70.047	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	140.100%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98033	27.136	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.560%		
66) 1,2-Dichlorobenzene-d4	13.848	152	51015	20.416	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104407m	23.371	ug/L	
3) Chloromethane	2.222	50	127518	23.364	ug/L	99
5) Vinyl chloride	2.369	62	146161	22.124	ug/L	98
6) Bromomethane	2.789	94	75713	19.127	ug/L	99
8) Chloroethane	2.930	64	93660	23.475	ug/L	100
9) Trichlorofluoromethane	3.265	101	117576	21.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	99703	18.400	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	110038	22.251	ug/L	93
13) Acetone	4.118	43	46367	34.843	ug/L	98
14) Carbon disulfide	4.387	76	305946	18.274	ug/L	100
15) Methyl Acetate	4.673	43	50975	23.063	ug/L	98
16) Methylene chloride	4.917	84	140369	23.906	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	122160	22.657	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	216667	28.817	ug/L	99
19) 1,1-Dichloroethane	6.216	63	257968	24.336	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	134554	23.804	ug/L	97
22) 2-Butanone	7.167	43	83549	52.102	ug/L	98
23) Bromochloromethane	7.514	128	59611	24.159	ug/L	92
25) Chloroform	7.673	83	244031	23.702	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176070	25.519	ug/L	98
29) Cyclohexane	7.953	56	133189	19.170	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	178471	27.564	ug/L	100
31) Carbon tetrachloride	8.063	117	142334	24.134	ug/L	98
33) Benzene	8.325	78	518382	29.833	ug/L	100
34) Trichloroethene	9.093	95	117472	25.715	ug/L	91
35) Methylcyclohexane	9.337	83	99362	12.822	ug/L	100
37) 1,2-Dichloropropane	9.368	63	137533	30.226	ug/L	100
38) Bromodichloromethane	9.642	83	155148	27.958	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	160042	24.202	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	191357	82.680	ug/L	99
42) Toluene	10.386	91	459808	25.904	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	134181	25.170	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	92436	30.079	ug/L	99
46) Tetrachloroethene	10.861	164	64635	18.623	ug/L	90
48) 2-Hexanone	10.965	43	134215	77.347	ug/L	97
49) Dibromochloromethane	11.123	129	87175	26.858	ug/L	91
50) 1,2-Dibromoethane	11.233	107	81197	28.944	ug/L	99
51) Chlorobenzene	11.654	112	228392	20.030	ug/L	96
52) Ethylbenzene	11.727	91	403887	20.026	ug/L	96
53) m,p-Xylene	11.837	106	145993	19.544	ug/L	94
54) o-Xylene	12.160	106	138036	19.956	ug/L	100
55) Styrene	12.178	104	214257	17.967	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	89181	25.707	ug/L	99
59) Bromoform	12.349	173	40804	45.064	ug/L	96
60) Isopropylbenzene	12.458	105	296963	29.799	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73755	55.528	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	184133	25.404	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	192103	25.079	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	88683	20.708	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	92064	20.583	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	79499	20.712	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11861	41.896	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	32876	11.181	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	19633	8.238	ug/L	98
71) Naphthalene	15.360	128	49941	12.299	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	14607	7.174	ug/L	94

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

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