

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029032.D
 Acq On : 06 Jun 2024 12:42
 Operator : SY/MD
 Sample : P2696-09MS
 Misc : 5.35g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4BN7MS

Quant Time: Jun 07 00:24:07 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	452627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	297170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	76794	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	180689	25.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.520%
7) Chloroethane-d5	2.899	69	145856	26.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.680%
11) 1,1-Dichloroethene-d2	4.021	65	76564	24.226	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.920%
21) 2-Butanone-d5	7.075	46	69742	47.471	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.940%
24) Chloroform-d	7.648	84	326642	25.296	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	8.306	65	176625	25.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.920%
32) Benzene-d6	8.276	84	633150	34.713	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.840%#
36) 1,2-Dichloropropane-d6	9.270	67	192915	34.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.520%#
41) Toluene-d8	10.318	98	490379	30.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.520%
43) trans-1,3-Dichloroprop...	10.574	79	54934	25.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.400%
47) 2-Hexanone-d5	10.922	63	47853	65.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103410	26.917	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	61804	22.680	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	91602	17.723	ug/L	96
3) Chloromethane	2.222	50	129903	20.572	ug/L	99
5) Vinyl chloride	2.375	62	152251	19.919	ug/L	100
6) Bromomethane	2.789	94	76289	16.658	ug/L	95
8) Chloroethane	2.935	64	97308	21.081	ug/L	96
9) Trichlorofluoromethane	3.265	101	125686	19.782	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	102779	16.394	ug/L	97
12) 1,1-Dichloroethene	4.045	96	117642	20.562	ug/L	98
13) Acetone	4.118	43	42865	27.842	ug/L	97
14) Carbon disulfide	4.386	76	317231	16.377	ug/L	99
15) Methyl Acetate	4.673	43	40684	15.910	ug/L	100
16) Methylene chloride	4.917	84	136906	20.153	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	127506	20.440	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	204917	23.557	ug/L	99
19) 1,1-Dichloroethane	6.215	63	262217	21.381	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	136140	20.818	ug/L	98
22) 2-Butanone	7.166	43	78926	42.543	ug/L	97
23) Bromochloromethane	7.514	128	59846	20.964	ug/L	96
25) Chloroform	7.678	83	244594	20.534	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	168685	21.132	ug/L	99
29) Cyclohexane	7.959	56	140675	19.039	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	186110	27.030	ug/L	99
31) Carbon tetrachloride	8.075	117	151895	24.219	ug/L	99
33) Benzene	8.325	78	527425	28.543	ug/L	100
34) Trichloroethene	9.093	95	119821	24.665	ug/L	90
35) Methylcyclohexane	9.337	83	105017	12.743	ug/L	98
37) 1,2-Dichloropropane	9.367	63	138369	28.596	ug/L	100
38) Bromodichloromethane	9.642	83	153373	25.989	ug/L #	96
39) cis-1,3-Dichloropropene	10.074	75	147586	20.987	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	171513	69.686	ug/L	99
42) Toluene	10.385	91	468561	24.822	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	121300	21.396	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	88884	27.198	ug/L	96
46) Tetrachloroethene	10.855	164	67111	18.183	ug/L	89
48) 2-Hexanone	10.964	43	124534	67.487	ug/L #	94
49) Dibromochloromethane	11.129	129	82174	23.807	ug/L	96
50) 1,2-Dibromoethane	11.233	107	74762	25.061	ug/L	99
51) Chlorobenzene	11.653	112	237643	19.598	ug/L	96
52) Ethylbenzene	11.727	91	422700	19.709	ug/L	97
53) m,p-Xylene	11.836	106	151324	19.049	ug/L	94
54) o-Xylene	12.165	106	140778	19.139	ug/L	95
55) Styrene	12.178	104	217786	17.173	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	80914	21.933	ug/L	98
59) Bromoform	12.348	173	38705	39.196	ug/L	98
60) Isopropylbenzene	12.458	105	310155	28.538	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66698	46.045	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	188397	23.834	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	197053	23.588	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	90640	19.407	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	95078	19.491	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	78752	18.813	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10344	33.503	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	30221	9.424	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	19776	7.609	ug/L	97
71) Naphthalene	15.360	128	43108	9.735	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	13426	6.046	ug/L	96

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

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