

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW111324\
 Data File : VW038040.D
 Acq On : 13 Nov 2024 12:38
 Operator : SY/MD
 Sample : P4749-10MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 23:11:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	244400	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	257890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	143576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	65069	3.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.529	69	62631	3.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.053	65	30414	3.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.796	46	211586	43.282	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.560%
24) Chloroform-d	4.239	84	168895	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.937	65	78605	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	4.953	84	287733	3.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	5.982	67	90023	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.200%
41) Toluene-d8	7.236	98	260131	3.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.551	79	36055	3.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.017	63	206302	45.607	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	87466	4.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	113069	3.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	137648	5.165	ug/L	99
3) Chloromethane	1.214	50	130565	5.281	ug/L	98
5) Vinyl chloride	1.281	62	132280	5.331	ug/L	99
6) Bromomethane	1.484	94	83712	5.299	ug/L	96
8) Chloroethane	1.545	64	80866	5.378	ug/L	99
9) Trichlorofluoromethane	1.709	101	185256	5.401	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	103500	5.227	ug/L	99
12) 1,1-Dichloroethene	2.066	96	97523	5.249	ug/L	82
13) Acetone	2.130	43	177063	50.812	ug/L	99
14) Carbon disulfide	2.236	76	314926	5.171	ug/L	99
15) Methyl Acetate	2.384	43	37335	4.906	ug/L	96
16) Methylene chloride	2.442	84	112670	5.121	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	228246	5.042	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	104516	5.199	ug/L	98
19) 1,1-Dichloroethane	3.104	63	189103	5.235	ug/L	99
21) 2-Butanone	3.879	43	221972	47.170	ug/L	97
22) cis-1,2-Dichloroethene	3.805	96	174279	8.248	ug/L	97
23) Bromochloromethane	4.140	128	54080	5.573	ug/L	98
25) Chloroform	4.265	83	231892	6.081	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	116316	5.424	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	177306	5.093	ug/L	99
30) Cyclohexane	4.574	56	152621	4.951	ug/L	98
31) Carbon tetrachloride	4.725	117	154720	5.103	ug/L	98
33) Benzene	5.001	78	426212	5.197	ug/L	100
34) Trichloroethene	5.825	95	128804	5.745	ug/L	96
35) Methylcyclohexane	6.040	83	160340	4.736	ug/L	99
37) 1,2-Dichloropropane	6.085	63	104963	5.173	ug/L	99
38) Bromodichloromethane	6.426	83	137085	5.085	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	150460	4.974	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	564561	49.491	ug/L	99
42) Toluene	7.307	91	456291	5.325	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	130431	5.079	ug/L	96
45) 1,1,2-Trichloroethane	7.763	97	83701	5.143	ug/L	97
47) Tetrachloroethene	7.895	164	89310	5.076	ug/L	99
48) 2-Hexanone	8.069	43	411039	50.084	ug/L	98
49) Dibromochloromethane	8.169	129	90457	5.156	ug/L	99
50) 1,2-Dibromoethane	8.275	107	79388	5.138	ug/L	99
51) Chlorobenzene	8.808	112	295974	5.070	ug/L	98
52) Ethylbenzene	8.937	91	478178	5.137	ug/L	100
53) m,p-Xylene	9.066	106	186263	5.308	ug/L	96
54) o-Xylene	9.471	106	180732	5.322	ug/L	98
55) Styrene	9.490	104	326503	5.520	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.168	83	101434	5.221	ug/L	99
59) Bromoform	9.657	173	47210	5.002	ug/L	99
60) Isopropylbenzene	9.857	105	483662	5.050	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	68904	4.913	ug/L	97
62) 1,3,5-Trimethylbenzene	10.467	105	372433	4.855	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	379922	4.943	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	244211	4.943	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	253327	4.984	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	227901	4.933	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	15719	4.944	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	170492	4.692	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	145715	4.516	ug/L	98
71) Naphthalene	13.432	128	217751	3.708	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	131088	4.305	ug/L	99

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

