

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038075.D
 Acq On : 14 Nov 2024 03:35
 Operator : SY/MD
 Sample : P4804-14MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 14 04:07:19 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	254998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	257821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	136731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84458	3.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.529	69	73331	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.053	65	34408	3.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.783	46	224383	43.992	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.980%
24) Chloroform-d	4.239	84	191095	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.934	65	87697	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.950	84	334943	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.982	67	106329	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.236	98	302875	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.551	79	35341	3.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.017	63	213485	47.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	96163	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	124999	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	124727	4.486	ug/L	98
3) Chloromethane	1.214	50	126298	4.896	ug/L	99
5) Vinyl chloride	1.278	62	429647	16.595	ug/L	87
6) Bromomethane	1.484	94	55491	3.366	ug/L	97
8) Chloroethane	1.545	64	128688	8.203	ug/L	85
9) Trichlorofluoromethane	1.709	101	183628	5.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	91945	4.451	ug/L	99
12) 1,1-Dichloroethene	2.063	96	99210	5.118	ug/L	95
13) Acetone	2.117	43	144226	39.669	ug/L	99
14) Carbon disulfide	2.233	76	336596	5.297	ug/L	100
15) Methyl Acetate	2.378	43	25685	3.235	ug/L	96
16) Methylene chloride	2.442	84	113240	4.933	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	394970	8.363	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	138029	6.580	ug/L	97
19) 1,1-Dichloroethane	3.101	63	213866	5.675	ug/L	100
21) 2-Butanone	3.866	43	212897	43.361	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	147555	6.693	ug/L	97
23) Bromochloromethane	4.143	128	54847	5.417	ug/L	95
25) Chloroform	4.265	83	206967	5.201	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	116277	5.197	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	184733	5.307	ug/L	97
30) Cyclohexane	4.571	56	145434	4.719	ug/L	99
31) Carbon tetrachloride	4.725	117	157983	5.212	ug/L	100
33) Benzene	5.001	78	458638	5.593	ug/L	100
34) Trichloroethene	5.825	95	121020	5.399	ug/L	98
35) Methylcyclohexane	6.040	83	128448	3.795	ug/L	98
37) 1,2-Dichloropropane	6.085	63	109382	5.392	ug/L	100
38) Bromodichloromethane	6.426	83	142564	5.290	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	137680	4.553	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	575250	50.441	ug/L	99
42) Toluene	7.307	91	469869	5.485	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	113612	4.426	ug/L	95
45) 1,1,2-Trichloroethane	7.760	97	84916	5.219	ug/L	97
47) Tetrachloroethene	7.895	164	90326	5.135	ug/L	98
48) 2-Hexanone	8.066	43	411407	50.142	ug/L	98
49) Dibromochloromethane	8.169	129	91105	5.194	ug/L	99
50) 1,2-Dibromoethane	8.275	107	79739	5.162	ug/L	98
51) Chlorobenzene	8.805	112	314798	5.393	ug/L	100
52) Ethylbenzene	8.937	91	496096	5.331	ug/L	99
53) m,p-Xylene	9.066	106	193092	5.504	ug/L	97
54) o-Xylene	9.471	106	188193	5.543	ug/L	97
55) Styrene	9.490	104	331772	5.610	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.168	83	102939	5.300	ug/L	98
59) Bromoform	9.660	173	44893	4.994	ug/L	98
60) Isopropylbenzene	9.857	105	496197	5.440	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	69817	5.227	ug/L	98
62) 1,3,5-Trimethylbenzene	10.467	105	391251	5.356	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	397946	5.437	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	250014	5.314	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	255511	5.279	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	236720	5.381	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	14654	4.839	ug/L	88
69) 1,3,5-Trichlorobenzene	12.574	180	171946	4.969	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	150996	4.914	ug/L	97
71) Naphthalene	13.432	128	248195	4.438	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	140188	4.835	ug/L	99

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

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