

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038074.D
 Acq On : 14 Nov 2024 03:11
 Operator : SY/MD
 Sample : P4804-13MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 14 03:40:31 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	212896	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	210831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72819	3.929	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.529	69	66557	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.053	65	27686	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.789	46	215734	50.661	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	4.239	84	172609	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.937	65	82992	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.950	84	296568	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	5.982	67	96679	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.236	98	246760	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.551	79	31519	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.017	63	208451	56.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	90543	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	106530	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	95026	4.094	ug/L	100
3) Chloromethane	1.214	50	122255	5.677	ug/L	97
5) Vinyl chloride	1.278	62	386173	17.865	ug/L	97
6) Bromomethane	1.484	94	53469	3.885	ug/L	95
8) Chloroethane	1.545	64	90821	6.934	ug/L	87
9) Trichlorofluoromethane	1.709	101	141909	4.750	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	59454	3.447	ug/L	99
12) 1,1-Dichloroethene	2.063	96	86110	5.321	ug/L	95
13) Acetone	2.121	43	154028	50.743	ug/L	99
14) Carbon disulfide	2.236	76	276197	5.206	ug/L	100
15) Methyl Acetate	2.381	43	24741	3.732	ug/L	94
16) Methylene chloride	2.439	84	111853	5.836	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	381712	9.680	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	120622	6.887	ug/L	97
19) 1,1-Dichloroethane	3.101	63	200526	6.373	ug/L	99
21) 2-Butanone	3.867	43	218330	53.261	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	138315	7.515	ug/L	97
23) Bromochloromethane	4.143	128	54722	6.474	ug/L	98
25) Chloroform	4.265	83	198225	5.967	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	113506	6.076	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	155570	5.466	ug/L	99
30) Cyclohexane	4.571	56	82938	3.291	ug/L	98
31) Carbon tetrachloride	4.725	117	119795	4.833	ug/L	98
33) Benzene	5.002	78	405344	6.045	ug/L	100
34) Trichloroethene	5.825	95	100744	5.496	ug/L	98
35) Methylcyclohexane	6.040	83	68140	2.462	ug/L	99
37) 1,2-Dichloropropane	6.085	63	99342	5.989	ug/L	99
38) Bromodichloromethane	6.426	83	134876	6.120	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	125817	5.088	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	568503	60.960	ug/L	99
42) Toluene	7.307	91	397352	5.672	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	100751	4.799	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	81610	6.133	ug/L	96
47) Tetrachloroethene	7.899	164	64028	4.452	ug/L	96
48) 2-Hexanone	8.066	43	409277	61.001	ug/L	99
49) Dibromochloromethane	8.169	129	86816	6.052	ug/L	100
50) 1,2-Dibromoethane	8.278	107	78369	6.204	ug/L	100
51) Chlorobenzene	8.808	112	266636	5.587	ug/L	98
52) Ethylbenzene	8.937	91	381102	5.008	ug/L	100
53) m,p-Xylene	9.066	106	142934	4.983	ug/L	98
54) o-Xylene	9.471	106	151009	5.439	ug/L	97
55) Styrene	9.490	104	276064	5.709	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	99328	6.254	ug/L	96
59) Bromoform	9.661	173	43522	5.991	ug/L	98
60) Isopropylbenzene	9.860	105	351322	4.766	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	67620	6.264	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	279421	4.733	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	297717	5.033	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	205588	5.407	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	210635	5.385	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	200241	5.632	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	15190	6.207	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	137739	4.925	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	125067	5.036	ug/L	97
71) Naphthalene	13.432	128	211145	4.671	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	118123	5.041	ug/L	99

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

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