

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038076.D
 Acq On : 14 Nov 2024 03:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005304

Quant Time: Nov 14 04:21:32 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	271942	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	271873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	147149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100308	4.238	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.529	69	88227	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.053	65	41729	4.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	3.786	46	234286	43.072	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.140%
24) Chloroform-d	4.239	84	213082	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.934	65	99603	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.950	84	401760	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.979	67	117502	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.236	98	370103	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.551	79	43713	4.098	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.017	63	217026	45.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	99971	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	143497	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	146433	4.938	ug/L	100
3) Chloromethane	1.214	50	128103	4.657	ug/L	98
5) Vinyl chloride	1.278	62	143401	5.194	ug/L	97
6) Bromomethane	1.484	94	61377	3.492	ug/L	98
8) Chloroethane	1.545	64	91275	5.456	ug/L	91
9) Trichlorofluoromethane	1.709	101	201345	5.276	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	112736	5.117	ug/L	97
12) 1,1-Dichloroethene	2.066	96	108693	5.258	ug/L	86
13) Acetone	2.121	43	146622	37.815	ug/L	98
14) Carbon disulfide	2.236	76	350200	5.167	ug/L	100
15) Methyl Acetate	2.378	43	38021	4.490	ug/L	99
16) Methylene chloride	2.439	84	120827	4.935	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	248941	4.942	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	117715	5.262	ug/L	98
19) 1,1-Dichloroethane	3.104	63	210179	5.230	ug/L	99
21) 2-Butanone	3.870	43	213558	40.785	ug/L	100
22) cis-1,2-Dichloroethene	3.805	96	125145	5.323	ug/L	96
23) Bromochloromethane	4.143	128	56677	5.249	ug/L	96
25) Chloroform	4.265	83	220985	5.208	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	121856	5.107	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	190214	5.182	ug/L	99
30) Cyclohexane	4.571	56	172504	5.309	ug/L	99
31) Carbon tetrachloride	4.725	117	167745	5.248	ug/L	99
33) Benzene	5.002	78	467113	5.402	ug/L	100
34) Trichloroethene	5.828	95	126423	5.348	ug/L	99
35) Methylcyclohexane	6.040	83	182568	5.115	ug/L	98
37) 1,2-Dichloropropane	6.085	63	110669	5.174	ug/L	99
38) Bromodichloromethane	6.426	83	148484	5.225	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	154518	4.845	ug/L	98
40) 4-Methyl-2-pentanone	7.146	43	580116	48.239	ug/L	100
42) Toluene	7.307	91	502528	5.563	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	129183	4.772	ug/L	94
45) 1,1,2-Trichloroethane	7.760	97	87137	5.078	ug/L	98
47) Tetrachloroethene	7.899	164	98950	5.335	ug/L	97
48) 2-Hexanone	8.066	43	409239	47.300	ug/L	99
49) Dibromochloromethane	8.169	129	96033	5.192	ug/L	99
50) 1,2-Dibromoethane	8.278	107	84163	5.167	ug/L	100
51) Chlorobenzene	8.805	112	324568	5.273	ug/L	98
52) Ethylbenzene	8.937	91	544560	5.550	ug/L	100
53) m,p-Xylene	9.066	106	210281	5.684	ug/L	98
54) o-Xylene	9.471	106	200383	5.597	ug/L	98
55) Styrene	9.490	104	359108	5.758	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	103519	5.055	ug/L	99
59) Bromoform	9.661	173	47570	4.918	ug/L	98
60) Isopropylbenzene	9.860	105	547933	5.582	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	69691	4.848	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	435346	5.537	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	438540	5.568	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	274886	5.429	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	269663	5.177	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	251212	5.306	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	15817	4.854	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	193721	5.202	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	168560	5.097	ug/L	99
71) Naphthalene	13.432	128	253627	4.214	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	149178	4.781	ug/L	99

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

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