

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112424\
 Data File : VV038330.D
 Acq On : 24 Nov 2024 14:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Nov 25 00:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 00:21:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	228556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	245205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	132915	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68858	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.529	69	66538	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.053	65	31259	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.789	46	193410	55.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.380%
24) Chloroform-d	4.240	84	168117	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.937	65	77442	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.953	84	288703	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.982	67	92505	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.236	98	271467	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.551	79	34784	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.021	63	146473	51.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87531	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	100930	4.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	103172	4.771	ug/L	99
3) Chloromethane	1.214	50	100212	5.382	ug/L	98
5) Vinyl chloride	1.278	62	100931	4.784	ug/L	98
6) Bromomethane	1.484	94	57690	7.012	ug/L	98
8) Chloroethane	1.545	64	68526	5.097	ug/L	97
9) Trichlorofluoromethane	1.709	101	141605	4.716	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	82962	4.841	ug/L	97
12) 1,1-Dichloroethene	2.063	96	74576	4.568	ug/L	93
13) Acetone	2.121	43	135004	52.087	ug/L	99
14) Carbon disulfide	2.233	76	231202	4.397	ug/L	99
15) Methyl Acetate	2.378	43	33747	5.361	ug/L #	88
16) Methylene chloride	2.439	84	89952	4.832	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	171571	4.648	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	80496	4.681	ug/L	98
19) 1,1-Dichloroethane	3.105	63	157407	5.042	ug/L	100
21) 2-Butanone	3.873	43	186552	50.149	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	84782	4.768	ug/L	100
23) Bromochloromethane	4.140	128	42815	4.932	ug/L	97
25) Chloroform	4.269	83	168566	5.047	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	95321	5.246	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	140262	4.769	ug/L	98
30) Cyclohexane	4.571	56	110142	4.516	ug/L	94
31) Carbon tetrachloride	4.725	117	124042	4.781	ug/L	98
33) Benzene	5.002	78	338013	4.908	ug/L	100
34) Trichloroethene	5.828	95	86386	4.601	ug/L	98
35) Methylcyclohexane	6.040	83	116576	4.389	ug/L	97
37) 1,2-Dichloropropane	6.085	63	87446	5.069	ug/L	100
38) Bromodichloromethane	6.426	83	115846	4.996	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	112761	4.682	ug/L	96
40) 4-Methyl-2-pentanone	7.149	43	474872	52.590	ug/L	98
42) Toluene	7.307	91	363563	4.984	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	101930	5.010	ug/L	93
45) 1,1,2-Trichloroethane	7.764	97	69149	4.942	ug/L	95
47) Tetrachloroethene	7.899	164	68063	4.511	ug/L	97
48) 2-Hexanone	8.069	43	360767	55.096	ug/L	96
49) Dibromochloromethane	8.169	129	74286	4.870	ug/L	98
50) 1,2-Dibromoethane	8.275	107	63557	4.900	ug/L	97
51) Chlorobenzene	8.805	112	235034	4.677	ug/L	98
52) Ethylbenzene	8.940	91	356607	4.608	ug/L	98
53) m,p-Xylene	9.066	106	137620	4.713	ug/L	92
54) o-Xylene	9.471	106	131798	4.636	ug/L	95
55) Styrene	9.490	104	243831	4.865	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	83351	5.095	ug/L	99
59) Bromoform	9.657	173	37386	4.833	ug/L	97
60) Isopropylbenzene	9.860	105	355960	4.650	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	56611	4.975	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	263483	4.337	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	267610	4.418	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	189623	4.613	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	192100	4.623	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	177801	4.673	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	11635	4.555	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	121329	4.167	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	94665	3.933	ug/L	96
71) Naphthalene	13.435	128	124389	3.322	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	88165	3.964	ug/L	97

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

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