

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038199.D
 Acq On : 20 Nov 2024 00:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

Quant Time: Nov 20 02:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242728	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	256673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	142740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	97121	5.220	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.400%
7) Chloroethane-d5	1.526	69	81007	5.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.053	65	42487	5.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%
20) 2-Butanone-d5	3.780	46	192922	51.836	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	4.239	84	193172	5.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	4.937	65	87922	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.950	84	353411	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	5.979	67	108708	5.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.236	98	343032	5.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	7.551	79	40939	5.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.800%
46) 2-Hexanone-d5	8.017	63	163538	55.434	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.860%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	96078	5.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	123063	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	128605	5.600	ug/L	100
3) Chloromethane	1.214	50	114492	5.790	ug/L	98
5) Vinyl chloride	1.278	62	126365	5.639	ug/L	97
6) Bromomethane	1.481	94	49468	5.662	ug/L	93
8) Chloroethane	1.542	64	79426	5.563	ug/L	98
9) Trichlorofluoromethane	1.709	101	180108	5.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	103598	5.692	ug/L	100
12) 1,1-Dichloroethene	2.063	96	96526	5.568	ug/L	90
13) Acetone	2.104	43	145636	52.908	ug/L	99
14) Carbon disulfide	2.233	76	308013	5.515	ug/L	100
15) Methyl Acetate	2.371	43	38784	5.802	ug/L	91
16) Methylene chloride	2.439	84	111308	5.630	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	216463	5.522	ug/L	100
18) trans-1,2-Dichloroethene	2.686	96	101725	5.570	ug/L	99
19) 1,1-Dichloroethane	3.104	63	187397	5.653	ug/L	98
21) 2-Butanone	3.860	43	205216	51.945	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	106772	5.654	ug/L	98
23) Bromochloromethane	4.140	128	52173	5.659	ug/L	94
25) Chloroform	4.268	83	198844	5.606	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	115466	5.983	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	175194	5.691	ug/L	99
30) Cyclohexane	4.571	56	136203	5.335	ug/L	100
31) Carbon tetrachloride	4.725	117	151829	5.591	ug/L	99
33) Benzene	5.001	78	408141	5.661	ug/L	100
34) Trichloroethene	5.828	95	108083	5.499	ug/L	98
35) Methylcyclohexane	6.040	83	143179	5.150	ug/L	98
37) 1,2-Dichloropropane	6.085	63	102794	5.692	ug/L	99
38) Bromodichloromethane	6.426	83	136365	5.618	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	136354	5.409	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	553607	58.570	ug/L	99
42) Toluene	7.307	91	445128	5.830	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	121674	5.713	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	83447	5.698	ug/L	98
47) Tetrachloroethene	7.898	164	85767	5.431	ug/L	98
48) 2-Hexanone	8.066	43	397774	58.034	ug/L	97
49) Dibromochloromethane	8.169	129	89969	5.634	ug/L	99
50) 1,2-Dibromoethane	8.278	107	79431	5.850	ug/L	97
51) Chlorobenzene	8.808	112	286212	5.440	ug/L	99
52) Ethylbenzene	8.940	91	443489	5.475	ug/L	99
53) m,p-Xylene	9.066	106	176377	5.770	ug/L	96
54) o-Xylene	9.471	106	165718	5.569	ug/L	98
55) Styrene	9.490	104	304970	5.813	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	101113	5.904	ug/L	97
59) Bromoform	9.660	173	45520	5.480	ug/L	99
60) Isopropylbenzene	9.860	105	450360	5.478	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	67840	5.551	ug/L	98
62) 1,3,5-Trimethylbenzene	10.467	105	343028	5.258	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	351779	5.407	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	237573	5.382	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	240484	5.389	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	222859	5.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14751	5.377	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	155781	4.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	130755	5.058	ug/L	99
71) Naphthalene	13.435	128	178662	4.443	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	120602	5.050	ug/L	99

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

