

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038357.D
 Acq On : 26 Nov 2024 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

Quant Time: Nov 27 00:12:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	247741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	264011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	140204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60032	3.161	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.529	69	60222	3.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.053	65	29238	3.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.793	46	167805	44.175	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.340%
24) Chloroform-d	4.240	84	162352	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.934	65	72170	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.950	84	276717	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.979	67	86720	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.236	98	259841	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.551	79	32936	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.018	63	116077	38.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74620	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.555	152	95884	4.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	103399	4.411	ug/L	98
3) Chloromethane	1.214	50	96366	4.775	ug/L	97
5) Vinyl chloride	1.282	62	100612	4.399	ug/L	98
6) Bromomethane	1.484	94	58661	6.578	ug/L	93
8) Chloroethane	1.545	64	68448	4.697	ug/L	100
9) Trichlorofluoromethane	1.709	101	142718	4.385	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	86759	4.671	ug/L	95
12) 1,1-Dichloroethene	2.063	96	77267	4.367	ug/L	91
13) Acetone	2.124	43	122659	43.659	ug/L	98
14) Carbon disulfide	2.233	76	233150	4.090	ug/L	100
15) Methyl Acetate	2.378	43	29195	4.279	ug/L	91
16) Methylene chloride	2.439	84	87139	4.318	ug/L	93
17) Methyl tert-butyl Ether	2.696	73	161169	4.029	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	81819	4.389	ug/L	94
19) 1,1-Dichloroethane	3.101	63	156990	4.640	ug/L	98
21) 2-Butanone	3.873	43	161112	39.956	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	84332	4.375	ug/L	93
23) Bromochloromethane	4.140	128	40613	4.316	ug/L	94
25) Chloroform	4.262	83	166187	4.591	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	90793	4.610	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	142928	4.514	ug/L	99
30) Cyclohexane	4.571	56	107855	4.107	ug/L	99
31) Carbon tetrachloride	4.725	117	125755	4.502	ug/L	98
33) Benzene	5.002	78	332885	4.489	ug/L	100
34) Trichloroethene	5.825	95	86185	4.263	ug/L	96
35) Methylcyclohexane	6.040	83	118856	4.156	ug/L	99
37) 1,2-Dichloropropane	6.085	63	85424	4.599	ug/L	98
38) Bromodichloromethane	6.426	83	113690	4.553	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	112989	4.357	ug/L	95
40) 4-Methyl-2-pentanone	7.150	43	420118	43.212	ug/L	97
42) Toluene	7.307	91	357322	4.550	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	95269	4.349	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	63936	4.244	ug/L	95
47) Tetrachloroethene	7.896	164	69394	4.272	ug/L	98
48) 2-Hexanone	8.069	43	317719	45.066	ug/L	94
49) Dibromochloromethane	8.169	129	72333	4.404	ug/L	99
50) 1,2-Dibromoethane	8.275	107	60271	4.315	ug/L	95
51) Chlorobenzene	8.805	112	233623	4.317	ug/L	98
52) Ethylbenzene	8.937	91	360508	4.327	ug/L	99
53) m,p-Xylene	9.066	106	135428	4.307	ug/L	96
54) o-Xylene	9.471	106	128083	4.184	ug/L	98
55) Styrene	9.490	104	242274	4.490	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	73433	4.169	ug/L	97
59) Bromoform	9.661	173	37306	4.572	ug/L	97
60) Isopropylbenzene	9.860	105	354676	4.392	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51577	4.297	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	260693	4.068	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	269696	4.221	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	188198	4.340	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	193362	4.411	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	173429	4.321	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	10836	4.022	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	124701	4.060	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	95233	3.751	ug/L	96
71) Naphthalene	13.435	128	125748	3.184	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	85469	3.643	ug/L	98

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

