

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037345.D
 Acq On : 18 Sep 2024 19:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Sep 19 01:26:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 01:19:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	334152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	335941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	178228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70914	3.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.529	69	82752	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.053	65	37863	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.802	46	274713	46.890	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	4.243	84	214466	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.940	65	99017	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.953	84	390741	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.985	67	125481	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.236	98	345601	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.555	79	34651	3.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.024	63	221751	49.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	109157	4.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	135795	4.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145244	4.679	ug/L	99
3) Chloromethane	1.214	50	145329	4.388	ug/L	99
5) Vinyl chloride	1.281	62	152062	4.672	ug/L	92
6) Bromomethane	1.487	94	73411	3.759	ug/L	97
8) Chloroethane	1.548	64	97410	4.977	ug/L	94
9) Trichlorofluoromethane	1.709	101	199955	4.938	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	117894	4.808	ug/L	98
12) 1,1-Dichloroethene	2.066	96	112952	4.824	ug/L	96
13) Acetone	2.134	43	187958	46.076	ug/L	96
14) Carbon disulfide	2.236	76	345742	4.683	ug/L	100
15) Methyl Acetate	2.384	43	44388	4.751	ug/L	99
16) Methylene chloride	2.442	84	129843	4.823	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	267115	4.799	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	121018	4.912	ug/L	99
19) 1,1-Dichloroethane	3.108	63	230975	4.910	ug/L	98
21) 2-Butanone	3.883	43	273551	44.121	ug/L	93
22) cis-1,2-Dichloroethene	3.809	96	133200	5.001	ug/L	97
23) Bromochloromethane	4.146	128	57036	4.945	ug/L	99
25) Chloroform	4.268	83	233734	4.932	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	137846	5.140	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	199963	5.020	ug/L	99
30) Cyclohexane	4.574	56	178303	4.614	ug/L	100
31) Carbon tetrachloride	4.728	117	161959	4.777	ug/L	97
33) Benzene	5.005	78	504494	4.984	ug/L	100
34) Trichloroethene	5.828	95	138857	5.091	ug/L	97
35) Methylcyclohexane	6.043	83	193089	4.657	ug/L	100
37) 1,2-Dichloropropane	6.088	63	127392	4.947	ug/L	99
38) Bromodichloromethane	6.429	83	156481	4.854	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	154914	4.153	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	743714	50.443	ug/L	99
42) Toluene	7.310	91	538087	5.110	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	116151	3.859	ug/L	94
45) 1,1,2-Trichloroethane	7.767	97	95055	5.157	ug/L	98
47) Tetrachloroethene	7.899	164	96763	4.957	ug/L	98
48) 2-Hexanone	8.072	43	531859	49.355	ug/L	99
49) Dibromochloromethane	8.172	129	88414	4.579	ug/L	97
50) 1,2-Dibromoethane	8.278	107	90125	5.175	ug/L	97
51) Chlorobenzene	8.808	112	346315	4.939	ug/L	99
52) Ethylbenzene	8.940	91	576987	4.910	ug/L	100
53) m,p-Xylene	9.069	106	217931	5.040	ug/L	99
54) o-Xylene	9.474	106	213105	4.979	ug/L	100
55) Styrene	9.493	104	374065	5.155	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	117375	5.271	ug/L	97
59) Bromoform	9.661	173	37684	3.614	ug/L	99
60) Isopropylbenzene	9.860	105	572779	4.801	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	81380	5.018	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	451004	4.768	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	460086	4.842	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	273693	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	274055	4.739	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	259541	4.964	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	14883	4.425	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	185756	4.619	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	152121	4.595	ug/L	99
71) Naphthalene	13.435	128	211240	4.175	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	132118	4.823	ug/L	97

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

