

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038176.D
 Acq On : 19 Nov 2024 14:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Nov 19 22:40:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:27:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	268837	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	267237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	146802	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	101860	4.943	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.529	69	83490	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.053	65	43316	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.799	46	212901	51.648	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.300%
24) Chloroform-d	4.239	84	203884	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.937	65	95009	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.950	84	377973	5.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	5.982	67	114260	5.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.236	98	352547	5.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	7.551	79	44767	5.665	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.400%
46) 2-Hexanone-d5	8.021	63	174561	56.831	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	96871	5.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	128501	5.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	125477	4.933	ug/L	97
3) Chloromethane	1.214	50	116116	5.302	ug/L	99
5) Vinyl chloride	1.278	62	127279	5.129	ug/L	96
6) Bromomethane	1.484	94	52314	5.406	ug/L	100
8) Chloroethane	1.545	64	83872	5.303	ug/L	99
9) Trichlorofluoromethane	1.709	101	166743	4.721	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	93856	4.656	ug/L	99
12) 1,1-Dichloroethene	2.063	96	94877	4.941	ug/L	92
13) Acetone	2.127	43	152388	49.985	ug/L	99
14) Carbon disulfide	2.233	76	302573	4.892	ug/L	100
15) Methyl Acetate	2.381	43	38161	5.154	ug/L	100
16) Methylene chloride	2.439	84	113741	5.195	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	235454	5.423	ug/L	100
18) trans-1,2-Dichloroethene	2.686	96	101702	5.028	ug/L	100
19) 1,1-Dichloroethane	3.104	63	191217	5.208	ug/L	99
21) 2-Butanone	3.876	43	229893	52.540	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	111065	5.310	ug/L	98
23) Bromochloromethane	4.140	128	55192	5.405	ug/L	96
25) Chloroform	4.265	83	202510	5.155	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	116479	5.450	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	166465	5.194	ug/L	99
30) Cyclohexane	4.571	56	129039	4.854	ug/L	99
31) Carbon tetrachloride	4.725	117	141395	5.001	ug/L	99
33) Benzene	5.002	78	415941	5.541	ug/L	100
34) Trichloroethene	5.828	95	108093	5.282	ug/L	98
35) Methylcyclohexane	6.040	83	137460	4.748	ug/L	99
37) 1,2-Dichloropropane	6.085	63	103755	5.518	ug/L	99
38) Bromodichloromethane	6.426	83	139026	5.501	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	145997	5.562	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	574282	58.356	ug/L	99
42) Toluene	7.307	91	432729	5.443	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	125875	5.677	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	85138	5.583	ug/L	98
47) Tetrachloroethene	7.899	164	80965	4.924	ug/L	98
48) 2-Hexanone	8.069	43	404503	56.682	ug/L	98
49) Dibromochloromethane	8.169	129	91833	5.524	ug/L	97
50) 1,2-Dibromoethane	8.275	107	80240	5.676	ug/L	98
51) Chlorobenzene	8.808	112	281613	5.141	ug/L	98
52) Ethylbenzene	8.940	91	434779	5.155	ug/L	100
53) m,p-Xylene	9.066	106	164669	5.174	ug/L	95
54) o-Xylene	9.471	106	161465	5.211	ug/L	97
55) Styrene	9.490	104	296903	5.436	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	96482	5.411	ug/L	97
59) Bromoform	9.657	173	47355	5.543	ug/L	100
60) Isopropylbenzene	9.860	105	426862	5.048	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	69250	5.510	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	328364	4.894	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	339583	5.075	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	226745	4.994	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	225564	4.915	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	214954	5.115	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15869	5.625	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	154409	4.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	132462	4.983	ug/L	97
71) Naphthalene	13.432	128	212056	5.127	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	126687	5.158	ug/L	98

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

