

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037969.D
 Acq On : 08 Nov 2024 10:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005297

Quant Time: Nov 09 02:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 01:25:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	306773	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	314905	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	171236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	96519	4.111	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.529	69	85613	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.053	65	40851	4.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.812	46	219769	50.216	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.440%
24) Chloroform-d	4.240	84	212094	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.937	65	94730	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.950	84	375888	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.982	67	115031	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.236	98	348756	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.551	79	40409	4.407	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.021	63	204873	57.491	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.980%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	96856	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	136474	4.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	160913	5.255	ug/L	99
3) Chloromethane	1.214	50	138839	4.818	ug/L	100
5) Vinyl chloride	1.282	62	151205	5.273	ug/L	99
6) Bromomethane	1.487	94	83594	5.153	ug/L	99
8) Chloroethane	1.548	64	88636	5.196	ug/L	95
9) Trichlorofluoromethane	1.709	101	210330	5.279	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	123696	5.425	ug/L	98
12) 1,1-Dichloroethene	2.063	96	111471	5.320	ug/L	97
13) Acetone	2.146	43	158496	51.019	ug/L	98
14) Carbon disulfide	2.233	76	366530	5.156	ug/L	99
15) Methyl Acetate	2.384	43	38486	5.234	ug/L	100
16) Methylene chloride	2.442	84	124695	5.097	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	249192	5.318	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	121691	5.376	ug/L	94
19) 1,1-Dichloroethane	3.105	63	217895	5.299	ug/L	99
21) 2-Butanone	3.889	43	229782	49.769	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	125213	5.250	ug/L	99
23) Bromochloromethane	4.140	128	58134	5.398	ug/L	91
25) Chloroform	4.265	83	228130	5.281	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	125642	5.250	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	198869	5.283	ug/L	100
30) Cyclohexane	4.571	56	182106	5.452	ug/L	98
31) Carbon tetrachloride	4.725	117	177121	5.362	ug/L	97
33) Benzene	5.002	78	480147	5.549	ug/L	100
34) Trichloroethene	5.825	95	128823	5.376	ug/L	96
35) Methylcyclohexane	6.040	83	195798	5.482	ug/L	100
37) 1,2-Dichloropropane	6.085	63	114489	5.293	ug/L	99
38) Bromodichloromethane	6.426	83	150406	5.242	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	156237	5.000	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	595772	54.739	ug/L	98
42) Toluene	7.307	91	521949	5.700	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	130940	5.082	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	88455	5.403	ug/L	98
47) Tetrachloroethene	7.895	164	101977	5.475	ug/L	97
48) 2-Hexanone	8.072	43	429403	55.775	ug/L	99
49) Dibromochloromethane	8.169	129	91833	4.907	ug/L	95
50) 1,2-Dibromoethane	8.278	107	84128	5.507	ug/L	99
51) Chlorobenzene	8.805	112	339665	5.424	ug/L	99
52) Ethylbenzene	8.937	91	547742	5.554	ug/L	99
53) m,p-Xylene	9.066	106	211873	5.632	ug/L	99
54) o-Xylene	9.471	106	201379	5.624	ug/L	100
55) Styrene	9.490	104	361635	5.865	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	105833	5.569	ug/L	100
59) Bromoform	9.661	173	46275	4.638	ug/L	98
60) Isopropylbenzene	9.860	105	544523	5.457	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	71958	5.374	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	424622	5.412	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	433333	5.598	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	276000	5.463	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	284335	5.450	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	254907	5.456	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	15258	5.249	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	192619	5.402	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	157042	5.609	ug/L	100
71) Naphthalene	13.435	128	217453	5.473	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	140698	5.829	ug/L	96

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

