

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110724\
 Data File : VV037945.D
 Acq On : 07 Nov 2024 09:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005295

Quant Time: Nov 08 01:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 22:44:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	289414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	300605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	162351	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	109654	4.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.529	69	92175	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.053	65	49772	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.838	46	211089	51.126	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.260%
24) Chloroform-d	4.239	84	214281	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	4.937	65	95101	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.950	84	402918	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.982	67	119101	5.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.236	98	377084	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
43) trans-1,3-Dichloroprop...	7.551	79	42025	4.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.024	63	184817	54.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	94354	5.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	134582	5.026	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	159316	5.515	ug/L	98
3) Chloromethane	1.214	50	138885	5.109	ug/L	99
5) Vinyl chloride	1.281	62	147440	5.450	ug/L	99
6) Bromomethane	1.484	94	83087	5.429	ug/L	99
8) Chloroethane	1.545	64	89093	5.536	ug/L	99
9) Trichlorofluoromethane	1.709	101	207537	5.522	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	118196	5.495	ug/L	99
12) 1,1-Dichloroethene	2.063	96	109652	5.547	ug/L	96
13) Acetone	2.178	43	166345m	56.757	ug/L	
14) Carbon disulfide	2.233	76	367277	5.476	ug/L	99
15) Methyl Acetate	2.394	43	35754	5.154	ug/L	94
16) Methylene chloride	2.442	84	124281	5.385	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	240034	5.430	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	118440	5.547	ug/L	97
19) 1,1-Dichloroethane	3.104	63	213036	5.492	ug/L	98
21) 2-Butanone	3.912	43	223677	51.352	ug/L #	66
22) cis-1,2-Dichloroethene	3.809	96	118732	5.277	ug/L	97
23) Bromochloromethane	4.143	128	54219	5.337	ug/L	94
25) Chloroform	4.268	83	225475	5.533	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	119456	5.291	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	199039	5.539	ug/L	99
30) Cyclohexane	4.571	56	175357	5.500	ug/L	99
31) Carbon tetrachloride	4.722	117	176277	5.590	ug/L	99
33) Benzene	5.002	78	472134	5.716	ug/L	100
34) Trichloroethene	5.825	95	126103	5.513	ug/L	98
35) Methylcyclohexane	6.040	83	188611	5.532	ug/L	99
37) 1,2-Dichloropropane	6.085	63	110303	5.342	ug/L	99
38) Bromodichloromethane	6.426	83	151636	5.536	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	157126	5.268	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	579201	55.748	ug/L	97
42) Toluene	7.307	91	513377	5.873	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	130402	5.302	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	85702	5.484	ug/L	98
47) Tetrachloroethene	7.899	164	100217	5.636	ug/L	99
48) 2-Hexanone	8.072	43	401911	54.687	ug/L	100
49) Dibromochloromethane	8.169	129	94724	5.302	ug/L	99
50) 1,2-Dibromoethane	8.278	107	81454	5.585	ug/L	99
51) Chlorobenzene	8.805	112	331143	5.539	ug/L	96
52) Ethylbenzene	8.940	91	526755	5.595	ug/L	100
53) m,p-Xylene	9.066	106	204201	5.686	ug/L	97
54) o-Xylene	9.471	106	193142	5.651	ug/L	98
55) Styrene	9.490	104	346580	5.888	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	102111	5.628	ug/L	99
59) Bromoform	9.660	173	46939	4.962	ug/L	98
60) Isopropylbenzene	9.860	105	526280	5.563	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	69200	5.451	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	401890	5.403	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	404879	5.517	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	268269	5.601	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	273003	5.519	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	243888	5.506	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14556	5.281	ug/L	89
69) 1,3,5-Trichlorobenzene	12.574	180	181093	5.357	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	141242	5.320	ug/L	98
71) Naphthalene	13.435	128	174461	4.631	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	124949	5.459	ug/L	96

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

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