

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038257.D
 Acq On : 22 Nov 2024 08:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

Quant Time: Nov 22 23:36:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	237042	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	252891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	134287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75662	4.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.529	69	68608	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.053	65	34129	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.793	46	156309	43.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.020%
24) Chloroform-d	4.240	84	166763	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.934	65	72921	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.950	84	292845	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.979	67	88470	4.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.233	98	272929	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.551	79	32912	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.018	63	117894	40.560	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.120%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75721	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	98748	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	97208	4.334	ug/L	99
3) Chloromethane	1.214	50	84703	4.386	ug/L	99
5) Vinyl chloride	1.278	62	92143	4.211	ug/L	96
6) Bromomethane	1.484	94	51819	6.073	ug/L	94
8) Chloroethane	1.545	64	62373	4.473	ug/L	99
9) Trichlorofluoromethane	1.709	101	136190	4.373	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	80305	4.518	ug/L	98
12) 1,1-Dichloroethene	2.063	96	74134	4.379	ug/L	97
13) Acetone	2.124	43	105288	39.168	ug/L	97
14) Carbon disulfide	2.233	76	217525	3.988	ug/L	99
15) Methyl Acetate	2.381	43	25337	3.881	ug/L #	89
16) Methylene chloride	2.442	84	80265	4.157	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	146539	3.828	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	73587	4.126	ug/L	98
19) 1,1-Dichloroethane	3.105	63	135898	4.198	ug/L	99
21) 2-Butanone	3.876	43	130373	33.792	ug/L	89
22) cis-1,2-Dichloroethene	3.806	96	76118	4.127	ug/L	98
23) Bromochloromethane	4.143	128	37054	4.115	ug/L	92
25) Chloroform	4.265	83	145637	4.205	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	81440	4.321	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	131161	4.324	ug/L	98
30) Cyclohexane	4.571	56	96569	3.839	ug/L	99
31) Carbon tetrachloride	4.722	117	114702	4.287	ug/L	98
33) Benzene	5.002	78	299219	4.212	ug/L	100
34) Trichloroethene	5.828	95	77918	4.024	ug/L	98
35) Methylcyclohexane	6.040	83	105098	3.836	ug/L	99
37) 1,2-Dichloropropane	6.082	63	74160	4.168	ug/L	98
38) Bromodichloromethane	6.426	83	98430	4.115	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	97614	3.930	ug/L	99
40) 4-Methyl-2-pentanone	7.150	43	360973	38.761	ug/L	97
42) Toluene	7.307	91	330758	4.397	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	87064	4.149	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	60554	4.196	ug/L	99
47) Tetrachloroethene	7.896	164	65334	4.199	ug/L	99
48) 2-Hexanone	8.069	43	258623	38.296	ug/L	98
49) Dibromochloromethane	8.169	129	63974	4.066	ug/L	100
50) 1,2-Dibromoethane	8.275	107	53795	4.021	ug/L	94
51) Chlorobenzene	8.805	112	212144	4.093	ug/L	98
52) Ethylbenzene	8.937	91	321437	4.028	ug/L	99
53) m,p-Xylene	9.066	106	124933	4.148	ug/L	97
54) o-Xylene	9.471	106	121342	4.139	ug/L	92
55) Styrene	9.490	104	212574	4.113	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	66230	3.925	ug/L	97
59) Bromoform	9.661	173	32622	4.174	ug/L	97
60) Isopropylbenzene	9.857	105	322147	4.165	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	46108	4.010	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	243343	3.965	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	244902	4.001	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	172375	4.151	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	175750	4.186	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	157490	4.097	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	9122	3.535	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	116546	3.962	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	86324	3.550	ug/L	95
71) Naphthalene	13.435	128	105244	2.782	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	77253	3.438	ug/L	99

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

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