

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
 Data File : VV038419.D
 Acq On : 05 Dec 2024 14:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Quant Time: Dec 06 05:27:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 00:29:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	219175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	231963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	127877	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50806	3.024	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.526	69	50277	3.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.050	65	24783	3.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.805	46	186478	55.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.240	84	147308	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.937	65	69694	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.950	84	242559	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	82096	4.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.236	98	226110	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.555	79	28959	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.021	63	125391	47.031	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.060%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78880	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	88986	4.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	98423	4.746	ug/L	99
3) Chloromethane	1.211	50	92036	5.154	ug/L	100
5) Vinyl chloride	1.278	62	96966	4.792	ug/L	96
6) Bromomethane	1.484	94	53626	6.797	ug/L	97
8) Chloroethane	1.545	64	60792	4.715	ug/L	97
9) Trichlorofluoromethane	1.706	101	138642	4.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	81446	4.956	ug/L	95
12) 1,1-Dichloroethene	2.063	96	73649	4.705	ug/L	# 83
13) Acetone	2.137	43	134334	54.047	ug/L	98
14) Carbon disulfide	2.233	76	217411	4.311	ug/L	99
15) Methyl Acetate	2.384	43	31114	5.155	ug/L	99
16) Methylene chloride	2.439	84	89093	4.991	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	170863	4.827	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	77057	4.672	ug/L	98
19) 1,1-Dichloroethane	3.101	63	156856	5.240	ug/L	98
21) 2-Butanone	3.886	43	183138	51.338	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	83086	4.873	ug/L	95
23) Bromochloromethane	4.143	128	42448	5.098	ug/L	94
25) Chloroform	4.265	83	167625	5.234	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	94328	5.413	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	139828	5.026	ug/L	98
30) Cyclohexane	4.568	56	104547	4.531	ug/L	95
31) Carbon tetrachloride	4.725	117	120338	4.903	ug/L	99
33) Benzene	5.002	78	326220	5.007	ug/L	100
34) Trichloroethene	5.828	95	85402	4.808	ug/L	99
35) Methylcyclohexane	6.040	83	107594	4.282	ug/L	96
37) 1,2-Dichloropropane	6.085	63	86875	5.323	ug/L #	97
38) Bromodichloromethane	6.426	83	116810	5.325	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	113339	4.975	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	470448	55.074	ug/L	96
42) Toluene	7.307	91	355113	5.146	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	98594	5.123	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	68409	5.168	ug/L	95
47) Tetrachloroethene	7.895	164	65867	4.615	ug/L	99
48) 2-Hexanone	8.069	43	352252	56.867	ug/L	95
49) Dibromochloromethane	8.169	129	75109	5.205	ug/L	98
50) 1,2-Dibromoethane	8.278	107	62880	5.124	ug/L	100
51) Chlorobenzene	8.809	112	224152	4.715	ug/L	100
52) Ethylbenzene	8.940	91	342440	4.678	ug/L	99
53) m,p-Xylene	9.066	106	132521	4.797	ug/L	96
54) o-Xylene	9.471	106	125989	4.685	ug/L	94
55) Styrene	9.490	104	233124	4.917	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	81162	5.244	ug/L	99
59) Bromoform	9.661	173	39498	5.307	ug/L	96
60) Isopropylbenzene	9.860	105	345529	4.691	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	56587	5.169	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	250069	4.279	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	253774	4.354	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	182812	4.623	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	192226	4.808	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	172064	4.701	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	11940	4.859	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	119412	4.262	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	93104	4.021	ug/L	98
71) Naphthalene	13.435	128	120043	3.332	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	86302	4.033	ug/L	99

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

