

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
 Data File : VV037495.D
 Acq On : 24 Sep 2024 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: Sep 25 02:55:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	396904	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	388769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	201142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	117329	5.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.529	69	105076	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.053	65	53236	4.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.809	46	349026	50.155	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	4.240	84	274219	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	128125	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.950	84	538976	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	5.982	67	186436	5.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.236	98	495634	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	7.551	79	61038	5.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.400%
46) 2-Hexanone-d5	8.021	63	313573	60.192	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.380%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	131437	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.555	152	182443	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	146701	3.979	ug/L	98
3) Chloromethane	1.214	50	138139	3.511	ug/L	97
5) Vinyl chloride	1.282	62	146109	3.779	ug/L	99
6) Bromomethane	1.484	94	79138	3.412	ug/L	97
8) Chloroethane	1.545	64	91473	3.934	ug/L	99
9) Trichlorofluoromethane	1.709	101	197179	4.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	120709	4.144	ug/L	97
12) 1,1-Dichloroethene	2.063	96	108986	3.918	ug/L	86
13) Acetone	2.143	43	183618	37.895	ug/L	99
14) Carbon disulfide	2.233	76	343421	3.916	ug/L	99
15) Methyl Acetate	2.388	43	42307	3.812	ug/L	98
16) Methylene chloride	2.442	84	129511	4.050	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	296286	4.481	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	127182	4.346	ug/L	98
19) 1,1-Dichloroethane	3.105	63	230451	4.124	ug/L	99
21) 2-Butanone	3.889	43	279963	38.016	ug/L	96
22) cis-1,2-Dichloroethene	3.806	96	137554	4.348	ug/L	99
23) Bromochloromethane	4.140	128	57344	4.185	ug/L	96
25) Chloroform	4.269	83	239951	4.262	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	132648	4.164	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	202981	4.403	ug/L	98
30) Cyclohexane	4.571	56	197694	4.421	ug/L	99
31) Carbon tetrachloride	4.725	117	169769	4.327	ug/L	98
33) Benzene	5.002	78	515072	4.397	ug/L	100
34) Trichloroethene	5.828	95	140151	4.440	ug/L	97
35) Methylcyclohexane	6.040	83	218109	4.545	ug/L	99
37) 1,2-Dichloropropane	6.085	63	126481	4.244	ug/L	99
38) Bromodichloromethane	6.426	83	162823	4.364	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	188354	4.363	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	719725	42.183	ug/L	97
42) Toluene	7.307	91	549478	4.509	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	147718	4.240	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	92018	4.314	ug/L	98
47) Tetrachloroethene	7.899	164	103005	4.559	ug/L	97
48) 2-Hexanone	8.072	43	512516	41.097	ug/L	94
49) Dibromochloromethane	8.169	129	97225	4.351	ug/L	95
50) 1,2-Dibromoethane	8.278	107	86306	4.282	ug/L	98
51) Chlorobenzene	8.809	112	353883	4.361	ug/L	99
52) Ethylbenzene	8.940	91	616371	4.532	ug/L	100
53) m,p-Xylene	9.066	106	233461	4.666	ug/L	99
54) o-Xylene	9.471	106	225679	4.556	ug/L	97
55) Styrene	9.490	104	385023	4.585	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	111168	4.314	ug/L	98
59) Bromoform	9.661	173	48280	4.103	ug/L	100
60) Isopropylbenzene	9.860	105	622549	4.624	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	77476	4.233	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	499217	4.676	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	508084	4.738	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	291438	4.579	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	289727	4.439	ug/L	96
67) 1,2-Dichlorobenzene	11.571	146	263513	4.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	15286	4.027	ug/L	90
69) 1,3,5-Trichlorobenzene	12.577	180	207876	4.580	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	177248	4.744	ug/L	98
71) Naphthalene	13.435	128	265350	4.647	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	147236	4.762	ug/L	96

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

