

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037444.D
 Acq On : 20 Sep 2024 20:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

Quant Time: Sep 20 23:40:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	321579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	314149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84343	4.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.529	69	78810	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.053	65	37646	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.799	46	263238	46.688	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.380%
24) Chloroform-d	4.243	84	199119	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.941	65	94514	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.953	84	367722	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.985	67	119154	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.239	98	330145	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.555	79	41425	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.024	63	230022	54.642	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103229	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	118937	4.233	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	123202	4.124	ug/L	99
3) Chloromethane	1.214	50	137803	4.323	ug/L	100
5) Vinyl chloride	1.278	62	140725	4.492	ug/L	96
6) Bromomethane	1.484	94	71873	3.825	ug/L	99
8) Chloroethane	1.545	64	92424	4.906	ug/L	97
9) Trichlorofluoromethane	1.709	101	174584	4.480	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	98331	4.167	ug/L	98
12) 1,1-Dichloroethene	2.066	96	103056	4.573	ug/L	91
13) Acetone	2.130	43	187592	47.784	ug/L	97
14) Carbon disulfide	2.233	76	305623	4.301	ug/L	99
15) Methyl Acetate	2.381	43	48006	5.339	ug/L	97
16) Methylene chloride	2.442	84	131118	5.061	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	284905	5.318	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	116763	4.924	ug/L	97
19) 1,1-Dichloroethane	3.105	63	226726	5.008	ug/L	99
21) 2-Butanone	3.879	43	283472	47.509	ug/L	92
22) cis-1,2-Dichloroethene	3.809	96	129410	5.049	ug/L	99
23) Bromochloromethane	4.143	128	60762	5.474	ug/L	96
25) Chloroform	4.269	83	232764	5.103	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	137373	5.323	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	184115	4.943	ug/L	97
30) Cyclohexane	4.574	56	144597	4.001	ug/L	99
31) Carbon tetrachloride	4.725	117	146710	4.627	ug/L	100
33) Benzene	5.005	78	480139	5.072	ug/L	100
34) Trichloroethene	5.828	95	120856	4.738	ug/L	97
35) Methylcyclohexane	6.043	83	155391	4.007	ug/L	96
37) 1,2-Dichloropropane	6.088	63	125447	5.209	ug/L	100
38) Bromodichloromethane	6.429	83	153478	5.091	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	165034	4.731	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	759184	55.064	ug/L	98
42) Toluene	7.310	91	490116	4.978	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	134533	4.779	ug/L	95
45) 1,1,2-Trichloroethane	7.764	97	97580	5.661	ug/L	96
47) Tetrachloroethene	7.899	164	83029	4.548	ug/L	99
48) 2-Hexanone	8.072	43	549750	54.554	ug/L	99
49) Dibromochloromethane	8.172	129	90312	5.001	ug/L	96
50) 1,2-Dibromoethane	8.278	107	89381	5.488	ug/L	98
51) Chlorobenzene	8.809	112	316783	4.832	ug/L	98
52) Ethylbenzene	8.940	91	498140	4.533	ug/L	100
53) m,p-Xylene	9.069	106	192783	4.768	ug/L	97
54) o-Xylene	9.474	106	190110	4.749	ug/L	98
55) Styrene	9.493	104	338607	4.990	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	117056	5.622	ug/L	96
59) Bromoform	9.664	173	41807	4.521	ug/L	99
60) Isopropylbenzene	9.863	105	483947	4.574	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	79303	5.514	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	387412	4.618	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	399533	4.741	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	245403	4.907	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	248771	4.850	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	232316	5.010	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16137	5.410	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	168411	4.722	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	147273	5.016	ug/L	99
71) Naphthalene	13.435	128	291088	6.488	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	134433	5.534	ug/L	98

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

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