

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038355.D
 Acq On : 25 Nov 2024 20:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

Quant Time: Nov 26 00:48:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	218974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	228310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61690	3.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.526	69	61184	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.053	65	27632	3.826	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.786	46	190223	56.655	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.300%
24) Chloroform-d	4.240	84	156007	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.937	65	72505	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.950	84	259986	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.982	67	86902	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.236	98	239219	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.551	79	31110	4.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.018	63	132494	50.490	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.980%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81802	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	89983	4.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	87127	4.205	ug/L	99
3) Chloromethane	1.214	50	93005	5.213	ug/L	98
5) Vinyl chloride	1.278	62	94252	4.663	ug/L	95
6) Bromomethane	1.484	94	56608	7.182	ug/L	99
8) Chloroethane	1.545	64	61951	4.809	ug/L	96
9) Trichlorofluoromethane	1.709	101	122666	4.264	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	71155	4.334	ug/L	96
12) 1,1-Dichloroethene	2.063	96	67155	4.294	ug/L	89
13) Acetone	2.118	43	125184	50.412	ug/L	100
14) Carbon disulfide	2.233	76	203651	4.042	ug/L	99
15) Methyl Acetate	2.378	43	32031	5.311	ug/L	90
16) Methylene chloride	2.439	84	84949	4.763	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	169231	4.786	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	74334	4.511	ug/L	97
19) 1,1-Dichloroethane	3.105	63	146596	4.902	ug/L	100
21) 2-Butanone	3.870	43	169630	47.595	ug/L	92
22) cis-1,2-Dichloroethene	3.802	96	79689	4.678	ug/L	98
23) Bromochloromethane	4.143	128	39192	4.712	ug/L	91
25) Chloroform	4.269	83	158116	4.942	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	90806	5.216	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	128232	4.683	ug/L	98
30) Cyclohexane	4.571	56	90569	3.988	ug/L	97
31) Carbon tetrachloride	4.725	117	105146	4.353	ug/L	100
33) Benzene	5.002	78	309535	4.827	ug/L	100
34) Trichloroethene	5.828	95	76716	4.388	ug/L	99
35) Methylcyclohexane	6.040	83	93885	3.796	ug/L	97
37) 1,2-Dichloropropane	6.085	63	77796	4.843	ug/L	98
38) Bromodichloromethane	6.426	83	106401	4.928	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	101604	4.531	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	458873	54.579	ug/L	98
42) Toluene	7.310	91	319228	4.700	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	92093	4.862	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	65185	5.004	ug/L	98
47) Tetrachloroethene	7.899	164	57584	4.099	ug/L	99
48) 2-Hexanone	8.069	43	348006	57.080	ug/L	94
49) Dibromochloromethane	8.169	129	68596	4.830	ug/L	100
50) 1,2-Dibromoethane	8.278	107	60282	4.991	ug/L	95
51) Chlorobenzene	8.809	112	208103	4.447	ug/L	100
52) Ethylbenzene	8.940	91	302341	4.196	ug/L	100
53) m,p-Xylene	9.066	106	117859	4.335	ug/L	98
54) o-Xylene	9.471	106	113263	4.279	ug/L	94
55) Styrene	9.490	104	208416	4.466	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	77399	5.081	ug/L	98
59) Bromoform	9.661	173	34382	4.987	ug/L	100
60) Isopropylbenzene	9.860	105	294778	4.321	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	53903	5.315	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	217554	4.018	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	220739	4.089	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	161991	4.422	ug/L	97
65) 1,4-Dichlorobenzene	11.201	146	165118	4.459	ug/L	97
67) 1,2-Dichlorobenzene	11.571	146	156331	4.611	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	11648	5.117	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	103338	3.982	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	87701	4.089	ug/L	98
71) Naphthalene	13.435	128	131413	3.938	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	79904	4.031	ug/L	98

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

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