

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038250.D
 Acq On : 21 Nov 2024 19:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Quant Time: Nov 22 01:51:08 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	5.529	114	247958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	260648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	139676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	82923	4.363	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.526	69	74807	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.053	65	38492	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.777	46	199538	52.483	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.960%
24) Chloroform-d	4.239	84	183708	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.934	65	87020	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.950	84	327013	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.982	67	99776	4.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.236	98	309357	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.551	79	39607	5.139	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.017	63	158478	52.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93414	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	119057	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	95107	4.054	ug/L	98
3) Chloromethane	1.214	50	102821	5.090	ug/L	97
5) Vinyl chloride	1.278	62	108913	4.758	ug/L	98
6) Bromomethane	1.481	94	59148	6.627	ug/L	100
8) Chloroethane	1.542	64	72037	4.939	ug/L	98
9) Trichlorofluoromethane	1.709	101	143782	4.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	78297	4.211	ug/L	100
12) 1,1-Dichloroethene	2.063	96	82428	4.654	ug/L	93
13) Acetone	2.105	43	143005	50.857	ug/L	99
14) Carbon disulfide	2.233	76	250222	4.386	ug/L	99
15) Methyl Acetate	2.371	43	34180	5.005	ug/L	94
16) Methylene chloride	2.439	84	96748	4.791	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	195571	4.884	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	86839	4.654	ug/L	96
19) 1,1-Dichloroethane	3.101	63	165583	4.889	ug/L	99
21) 2-Butanone	3.860	43	191021	47.332	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	95326	4.941	ug/L	98
23) Bromochloromethane	4.140	128	45084	4.787	ug/L	96
25) Chloroform	4.265	83	175419	4.842	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	99913	5.068	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	150739	4.822	ug/L	100
30) Cyclohexane	4.571	56	100080	3.860	ug/L	99
31) Carbon tetrachloride	4.725	117	128265	4.651	ug/L	99
33) Benzene	5.002	78	360627	4.926	ug/L	100
34) Trichloroethene	5.828	95	95018	4.761	ug/L	95
35) Methylcyclohexane	6.040	83	101675	3.601	ug/L	99
37) 1,2-Dichloropropane	6.085	63	88260	4.813	ug/L	99
38) Bromodichloromethane	6.426	83	121832	4.942	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	123093	4.808	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	493732	51.439	ug/L	99
42) Toluene	7.307	91	386422	4.984	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	109145	5.047	ug/L	96
45) 1,1,2-Trichloroethane	7.763	97	74242	4.992	ug/L	97
47) Tetrachloroethene	7.895	164	73636	4.591	ug/L	94
48) 2-Hexanone	8.066	43	366477	52.652	ug/L	96
49) Dibromochloromethane	8.169	129	81037	4.998	ug/L	96
50) 1,2-Dibromoethane	8.278	107	69889	5.069	ug/L #	99
51) Chlorobenzene	8.805	112	253529	4.746	ug/L	98
52) Ethylbenzene	8.940	91	384073	4.669	ug/L	100
53) m,p-Xylene	9.066	106	149213	4.807	ug/L	97
54) o-Xylene	9.471	106	141643	4.687	ug/L	98
55) Styrene	9.490	104	261643	4.911	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	88854	5.109	ug/L	95
59) Bromoform	9.657	173	42367	5.212	ug/L	100
60) Isopropylbenzene	9.860	105	381064	4.737	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	61225	5.120	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	288221	4.515	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	292175	4.590	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	203429	4.710	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	209815	4.805	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	193580	4.842	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	13863	5.164	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	128317	4.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	109371	4.324	ug/L	98
71) Naphthalene	13.432	128	176791	4.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	108878	4.659	ug/L	99

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

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