

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112424\
 Data File : VV038322.D
 Acq On : 24 Nov 2024 11:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Quant Time: Nov 25 00:14:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	262547	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	271837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	144289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74082	3.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.529	69	67570	4.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.053	65	34005	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.786	46	174523	43.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.700%
24) Chloroform-d	4.240	84	174897	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.937	65	77528	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	4.953	84	307739	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.982	67	92812	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.236	98	282824	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.551	79	37184	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.021	63	132452	42.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.780%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	81322	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	110024	4.475	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	105619	4.252	ug/L	98
3) Chloromethane	1.214	50	95062	4.444	ug/L	99
5) Vinyl chloride	1.282	62	103094	4.254	ug/L	98
6) Bromomethane	1.484	94	62080	6.569	ug/L	99
8) Chloroethane	1.545	64	67921	4.398	ug/L	97
9) Trichlorofluoromethane	1.709	101	145006	4.204	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	87428	4.441	ug/L	99
12) 1,1-Dichloroethene	2.063	96	78892	4.207	ug/L	93
13) Acetone	2.118	43	121759	40.895	ug/L	99
14) Carbon disulfide	2.237	76	241568	3.999	ug/L	99
15) Methyl Acetate	2.378	43	28647	3.962	ug/L	91
16) Methylene chloride	2.442	84	88593	4.143	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	175611	4.142	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	84382	4.271	ug/L	98
19) 1,1-Dichloroethane	3.105	63	156079	4.353	ug/L	99
21) 2-Butanone	3.870	43	154208	36.087	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	88654	4.340	ug/L	97
23) Bromochloromethane	4.140	128	42678	4.279	ug/L	98
25) Chloroform	4.269	83	167445	4.365	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	92276	4.421	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	146091	4.481	ug/L	99
30) Cyclohexane	4.571	56	116374	4.304	ug/L	98
31) Carbon tetrachloride	4.722	117	129961	4.519	ug/L	98
33) Benzene	5.002	78	337660	4.422	ug/L	100
34) Trichloroethene	5.828	95	89548	4.302	ug/L	97
35) Methylcyclohexane	6.040	83	126178	4.285	ug/L	100
37) 1,2-Dichloropropane	6.085	63	84414	4.413	ug/L	100
38) Bromodichloromethane	6.426	83	112247	4.366	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	115942	4.343	ug/L	96
40) 4-Methyl-2-pentanone	7.150	43	408912	40.849	ug/L	99
42) Toluene	7.307	91	369319	4.567	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	100690	4.464	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	64560	4.162	ug/L	96
47) Tetrachloroethene	7.899	164	73254	4.380	ug/L	99
48) 2-Hexanone	8.069	43	312709	43.078	ug/L	96
49) Dibromochloromethane	8.169	129	73057	4.320	ug/L	99
50) 1,2-Dibromoethane	8.275	107	61231	4.258	ug/L	97
51) Chlorobenzene	8.805	112	246921	4.432	ug/L	98
52) Ethylbenzene	8.937	91	381459	4.446	ug/L	99
53) m,p-Xylene	9.066	106	147011	4.541	ug/L	96
54) o-Xylene	9.471	106	139482	4.426	ug/L	98
55) Styrene	9.490	104	257135	4.628	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	77493	4.273	ug/L	96
59) Bromoform	9.657	173	37742	4.495	ug/L	98
60) Isopropylbenzene	9.860	105	383949	4.620	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	51333	4.155	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	291111	4.414	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	296071	4.502	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	203849	4.568	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	204714	4.538	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	180878	4.379	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	10813	3.899	ug/L	88
69) 1,3,5-Trichlorobenzene	12.574	180	135545	4.288	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	105906	4.053	ug/L	99
71) Naphthalene	13.432	128	147373	3.626	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	97537	4.040	ug/L	98

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

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