

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038376.D
 Acq On : 26 Nov 2024 19:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Quant Time: Nov 27 00:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	230090	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	243767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	131410	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	57610	3.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.526	69	56181	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.053	65	27825	3.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.786	46	176191	49.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.880%
24) Chloroform-d	4.239	84	156571	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.937	65	71313	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.953	84	255928	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.982	67	81732	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.236	98	243438	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.554	79	30374	4.214	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.021	63	121991	43.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79864	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	92016	4.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	94814	4.355	ug/L	99
3) Chloromethane	1.214	50	91542	4.883	ug/L	100
5) Vinyl chloride	1.278	62	94695	4.458	ug/L	95
6) Bromomethane	1.481	94	55039	6.645	ug/L	91
8) Chloroethane	1.545	64	61431	4.539	ug/L	96
9) Trichlorofluoromethane	1.709	101	133115	4.404	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	78937	4.576	ug/L	96
12) 1,1-Dichloroethene	2.063	96	70937	4.316	ug/L	87
13) Acetone	2.114	43	120338	46.119	ug/L	99
14) Carbon disulfide	2.233	76	210913	3.984	ug/L	99
15) Methyl Acetate	2.378	43	29995	4.734	ug/L	90
16) Methylene chloride	2.439	84	83763	4.470	ug/L	92
17) Methyl tert-butyl Ether	2.696	73	156017	4.199	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	73239	4.230	ug/L	96
19) 1,1-Dichloroethane	3.104	63	149222	4.748	ug/L	99
21) 2-Butanone	3.867	43	170475	45.522	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	80262	4.484	ug/L	93
23) Bromochloromethane	4.143	128	39896	4.565	ug/L	97
25) Chloroform	4.265	83	158864	4.725	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	89586	4.897	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	134687	4.607	ug/L	97
30) Cyclohexane	4.574	56	96136	3.965	ug/L	100
31) Carbon tetrachloride	4.725	117	117915	4.572	ug/L	97
33) Benzene	5.002	78	314751	4.597	ug/L	100
34) Trichloroethene	5.828	95	80642	4.320	ug/L	98
35) Methylcyclohexane	6.040	83	102189	3.870	ug/L	97
37) 1,2-Dichloropropane	6.085	63	80528	4.695	ug/L	99
38) Bromodichloromethane	6.426	83	108097	4.689	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	101147	4.225	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	439013	48.906	ug/L	98
42) Toluene	7.310	91	342694	4.726	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	90105	4.455	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	64998	4.673	ug/L	93
47) Tetrachloroethene	7.899	164	65187	4.346	ug/L	96
48) 2-Hexanone	8.069	43	334177	51.336	ug/L	94
49) Dibromochloromethane	8.169	129	69374	4.575	ug/L	97
50) 1,2-Dibromoethane	8.278	107	59355	4.603	ug/L	99
51) Chlorobenzene	8.808	112	222280	4.449	ug/L	99
52) Ethylbenzene	8.940	91	327486	4.257	ug/L	99
53) m,p-Xylene	9.069	106	126284	4.350	ug/L	99
54) o-Xylene	9.471	106	119306	4.221	ug/L	96
55) Styrene	9.490	104	224190	4.500	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	78508	4.827	ug/L	98
59) Bromoform	9.661	173	33332	4.358	ug/L	96
60) Isopropylbenzene	9.860	105	326615	4.315	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	52132	4.634	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	231901	3.861	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	238379	3.980	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	173032	4.258	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	179794	4.376	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	164938	4.385	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	10928	4.327	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	109218	3.794	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	85621	3.598	ug/L	96
71) Naphthalene	13.435	128	111804	3.020	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	80870	3.678	ug/L	99

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

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