

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050823\
 Data File : VV031008.D
 Acq On : 08 May 2023 15:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: May 09 01:34:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	60657	5.841	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 116.800%	
7) Chloroethane-d5	1.535	69	52788	6.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 124.600%	
11) 1,1-Dichloroethene-d2	2.059	65	32939	5.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 119.800%	
20) 2-Butanone-d5	3.838	46	95754	51.998	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 104.000%	
24) Chloroform-d	4.256	84	124614	6.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 120.800%	
26) 1,2-Dichloroethane-d4	4.950	65	61273	5.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 116.800%	
32) Benzene-d6	4.966	84	220846	6.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 124.800%	
36) 1,2-Dichloropropane-d6	5.992	67	59825	5.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 116.200%	
41) Toluene-d8	7.249	98	210788	6.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 125.200%	
43) trans-1,3-Dichloroprop...	7.558	79	22068	5.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 114.400%	
46) 2-Hexanone-d5	8.037	63	75282	55.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 111.420%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	42851	5.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 115.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	69576	5.828	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 116.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	50197	5.041	ug/L	100
3) Chloromethane	1.217	50	52263	4.473	ug/L	97
5) Vinyl chloride	1.285	62	51335	5.249	ug/L	99
6) Bromomethane	1.490	94	22189	4.763	ug/L	97
8) Chloroethane	1.551	64	29923	5.027	ug/L	100
9) Trichlorofluoromethane	1.715	101	95247	5.279	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	51225	5.561	ug/L	97
12) 1,1-Dichloroethene	2.072	96	43886	5.174	ug/L	9

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	53490	5.309	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	84087	5.544	ug/L	98
30) Cyclohexane	4.587	56	54662	4.771	ug/L	99
31) Carbon tetrachloride	4.738	117	76106	5.586	ug/L	99
33) Benzene	5.018	78	167342	5.511	ug/L	100
34) Trichloroethene	5.837	95	43416	5.364	ug/L	97
35) Methylcyclohexane	6.053	83	59512	4.744	ug/L	100
37) 1,2-Dichloropropane	6.098	63	39117	5.431	ug/L #	97
38) Bromodichloromethane	6.439	83	60082	5.700	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	57769	5.355	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	208383	55.841	ug/L	99
42) Toluene	7.323	91	185604	5.678	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	50916	5.540	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	29661	5.550	ug/L	99
47) Tetrachloroethene	7.911	164	40440	5.237	ug/L	95
48) 2-Hexanone	8.088	43	156565	54.702	ug/L	96
49) Dibromochloromethane	8.181	129	39235	5.836	ug/L	93
50) 1,2-Dibromoethane	8.291	107	26353	5.529	ug/L #	99
51) Chlorobenzene	8.821	112	115615	5.216	ug/L	100
52) Ethylbenzene	8.953	91	187354	5.257	ug/L	99
53) m,p-Xylene	9.078	106	70831	4.980	ug/L	99
54) o-Xylene	9.484	106	69771	5.154	ug/L	100
55) Styrene	9.503	104	116132	5.084	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	33781	5.655	ug/L	98
59) Bromoform	9.673	173	23633	6.269	ug/L	99
60) Isopropylbenzene	9.873	105	186079	5.389	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	23475	5.835	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	137417	4.888	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	133573	4.690	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	92813	5.234	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	92475	5.169	ug/L	97
67) 1,2-Dichlorobenzene	11.586	146	82965	5.203	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	5632	5.515	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	57946	4.127	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	42415	3.931	ug/L	98
71) Naphthalene	13.448	128	45656	2.951	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	34274	3.752	ug/L	99

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

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