

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031241.D
 Acq On : 25 May 2023 18:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: May 26 07:02:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	147738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	144062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	79250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	74872	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.535	69	60417	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.063	65	30469	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.812	46	166606	47.276	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.560%
24) Chloroform-d	4.259	84	154431	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.953	65	77971	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.969	84	271021	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.995	67	94174	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.249	98	232541	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.561	79	26716	4.127	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.034	63	111545	42.204	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	63666	4.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	83088	4.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	80550	5.067	ug/L	98
3) Chloromethane	1.217	50	85299	4.796	ug/L	99
5) Vinyl chloride	1.285	62	88064	5.119	ug/L	99
6) Bromomethane	1.490	94	38960	4.587	ug/L	99
8) Chloroethane	1.552	64	46428	5.121	ug/L	99
9) Trichlorofluoromethane	1.719	101	117756	4.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	64321	5.138	ug/L	97
12) 1,1-Dichloroethene	2.076	96	50797	5.080	ug/L	81
13) Acetone	2.140	43	106396	38.416	ug/L	100
14) Carbon disulfide	2.246	76	147520	4.981	ug/L	98
15) Methyl Acetate	2.391	43	26642	4.829	ug/L	98
16) Methylene chloride	2.452	84	75822	4.393	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	134772	4.887	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	56722	5.087	ug/L	96
19) 1,1-Dichloroethane	3.117	63	139264	5.063	ug/L	98
21) 2-Butanone	3.895	43	157718	45.039	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	63940	4.991	ug/L	99
23) Bromochloromethane	4.159	128	28898	5.063	ug/L	98
25) Chloroform	4.285	83	149634	5.320	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	84731	5.307	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	128992	4.805	ug/L	99
30) Cyclohexane	4.590	56	95041	4.625	ug/L	99
31) Carbon tetrachloride	4.741	117	112191	4.846	ug/L	100
33) Benzene	5.018	78	266989	4.973	ug/L	100
34) Trichloroethene	5.841	95	70533	4.890	ug/L	96
35) Methylcyclohexane	6.059	83	91564	4.592	ug/L	96
37) 1,2-Dichloropropane	6.101	63	77589	4.933	ug/L	99
38) Bromodichloromethane	6.439	83	98452	4.994	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	82488	4.425	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	354700	46.040	ug/L	100
42) Toluene	7.323	91	246765	4.678	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	74166	4.587	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	40457	4.253	ug/L	93
47) Tetrachloroethene	7.911	164	45645	4.366	ug/L	99
48) 2-Hexanone	8.085	43	263065	43.975	ug/L	98
49) Dibromochloromethane	8.185	129	53573	4.688	ug/L	97
50) 1,2-Dibromoethane	8.291	107	40321	4.591	ug/L	96
51) Chlorobenzene	8.821	112	170127	4.903	ug/L	100
52) Ethylbenzene	8.953	91	284562	4.893	ug/L	99
53) m,p-Xylene	9.079	106	102797	4.783	ug/L	99
54) o-Xylene	9.487	106	98876	4.832	ug/L	98
55) Styrene	9.503	104	181591	5.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	60039	5.000	ug/L	96
59) Bromoform	9.673	173	29810	4.646	ug/L	97
60) Isopropylbenzene	9.873	105	284503	4.924	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	42779	4.939	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	222982	4.760	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	236242	4.925	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	142808	5.220	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	141561	5.057	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	131016	4.997	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	9325	5.109	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	104831	4.719	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	75193	4.234	ug/L	96
71) Naphthalene	13.448	128	90695	3.451	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	64828	4.245	ug/L	97

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

