

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081823\
 Data File : VV031840.D
 Acq On : 18 Aug 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005377

Quant Time: Aug 19 02:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	205558	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	214774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	118843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55651	4.551	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.532	69	68671	5.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.056	65	30540	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	3.822	46	218410	51.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	4.252	84	175318	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.947	65	88204	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.963	84	306511	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.992	67	96500	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.246	98	293859	5.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
43) trans-1,3-Dichloroprop...	7.561	79	28693	4.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.034	63	150319	49.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	79235	5.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	106194	5.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	83652	4.483	ug/L	96
3) Chloromethane	1.217	50	85470	4.756	ug/L	100
5) Vinyl chloride	1.282	62	85212	4.792	ug/L	92
6) Bromomethane	1.487	94	49268	4.226	ug/L	86
8) Chloroethane	1.548	64	57983	5.203	ug/L	95
9) Trichlorofluoromethane	1.712	101	141371	5.038	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	68594	4.344	ug/L	96
12) 1,1-Dichloroethene	2.069	96	61736	4.523	ug/L	79
13) Acetone	2.156	43	105290	43.583	ug/L	97
14) Carbon disulfide	2.240	76	186356	4.939	ug/L	99
15) Methyl Acetate	2.388	43	30663	4.797	ug/L	98
16) Methylene chloride	2.449	84	89681	4.910	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	139168	4.954	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	60956	4.768	ug/L	94
19) 1,1-Dichloroethane	3.114	63	136519	5.058	ug/L	99
21) 2-Butanone	3.902	43	156917	47.816	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	64968	4.981	ug/L	91
23) Bromochloromethane	4.153	128	32937	4.956	ug/L	90
25) Chloroform	4.281	83	141176	4.913	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	81699	4.804	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	118151	4.864	ug/L	97
30) Cyclohexane	4.587	56	86429	5.173	ug/L	98
31) Carbon tetrachloride	4.738	117	107092	4.981	ug/L	99
33) Benzene	5.015	78	263164	5.150	ug/L	100
34) Trichloroethene	5.838	95	74392	5.102	ug/L	98
35) Methylcyclohexane	6.056	83	75519	4.584	ug/L	96
37) 1,2-Dichloropropane	6.098	63	65025	4.446	ug/L	99
38) Bromodichloromethane	6.439	83	90935	4.743	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	83915	4.811	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	359561	47.036	ug/L	97
42) Toluene	7.320	91	254282	5.016	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	68113	4.369	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	45477	4.107	ug/L	92
47) Tetrachloroethene	7.908	164	49775	4.643	ug/L	95
48) 2-Hexanone	8.082	43	277750	46.044	ug/L	96
49) Dibromochloromethane	8.182	129	60547	4.842	ug/L	92
50) 1,2-Dibromoethane	8.288	107	50070	4.911	ug/L	97
51) Chlorobenzene	8.818	112	174590	5.035	ug/L	99
52) Ethylbenzene	8.950	91	265856	5.208	ug/L	97
53) m,p-Xylene	9.079	106	99940	5.471	ug/L	95
54) o-Xylene	9.484	106	93538	5.380	ug/L	95
55) Styrene	9.500	104	172086	5.426	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.182	83	56215	5.097	ug/L #	88
59) Bromoform	9.670	173	34365	4.928	ug/L	99
60) Isopropylbenzene	9.873	105	259307	5.397	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	48763	4.966	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	196183	5.027	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	198888	5.086	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	142881	5.123	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	145297	5.145	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	134299	5.056	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	9751	5.303	ug/L	86
69) 1,3,5-Trichlorobenzene	12.587	180	101961	5.113	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	79955	4.765	ug/L	99
71) Naphthalene	13.445	128	114988	4.684	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	74072	4.884	ug/L	97

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

