

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051823\
 Data File : VW031085.D
 Acq On : 18 May 2023 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Quant Time: May 19 05:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 18 02:47:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	120096	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71065	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	33511	3.387	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.539	69	35649	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.063	65	19531	3.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.812	46	94857	54.061	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.120%
24) Chloroform-d	4.256	84	97870	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.950	65	49280	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.966	84	156975	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	5.995	67	47306	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.246	98	145348	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.558	79	17764	4.726	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.034	63	68618	52.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38101	5.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	57406	4.333	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43841	4.621	ug/L	98
3) Chloromethane	1.217	50	46479	4.174	ug/L	98
5) Vinyl chloride	1.285	62	43237	4.640	ug/L	99
6) Bromomethane	1.491	94	20424	4.602	ug/L	97
8) Chloroethane	1.555	64	26562	4.683	ug/L	99
9) Trichlorofluoromethane	1.719	101	85358	4.965	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	43618	4.970	ug/L	98
12) 1,1-Dichloroethene	2.072	96	37338	4.620	ug/L	92
13) Acetone	2.140	43	74597	49.772	ug/L	81
14) Carbon disulfide	2.246	76	78369	3.706	ug/L	96
15) Methyl Acetate	2.388	43	11988	3.931	ug/L #	86
16) Methylene chloride	2.452	84	36572	4.000	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	72463	4.710	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	32759	4.437	ug/L	99
19) 1,1-Dichloroethane	3.117	63	71738	5.032	ug/L	98
21) 2-Butanone	3.899	43	77036	46.735	ug/L	95
22) cis-1,2-Dichloroethene	3.822	96	38601	4.956	ug/L	97
23) Bromochloromethane	4.156	128	18469	5.036	ug/L	95
25) Chloroform	4.285	83	81419	5.323	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	50319	5.242	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	75462	5.105	ug/L	97
30) Cyclohexane	4.590	56	46741	4.186	ug/L	96
31) Carbon tetrachloride	4.741	117	68793	5.181	ug/L	97
33) Benzene	5.015	78	151772	5.129	ug/L	100
34) Trichloroethene	5.841	95	40001	5.071	ug/L	97
35) Methylcyclohexane	6.056	83	56937	4.658	ug/L	96
37) 1,2-Dichloropropane	6.098	63	36738	5.234	ug/L #	97
38) Bromodichloromethane	6.439	83	55019	5.356	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	50836	4.836	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	195780	53.834	ug/L	100
42) Toluene	7.320	91	169640	5.325	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	44915	5.014	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	27483	5.277	ug/L	95
47) Tetrachloroethene	7.912	164	35926	4.774	ug/L	95
48) 2-Hexanone	8.082	43	152126	54.539	ug/L	99
49) Dibromochloromethane	8.182	129	36973	5.643	ug/L	100
50) 1,2-Dibromoethane	8.288	107	24711	5.320	ug/L	97
51) Chlorobenzene	8.818	112	109267	5.059	ug/L	97
52) Ethylbenzene	8.953	91	176816	5.091	ug/L	97
53) m,p-Xylene	9.079	106	70091	5.057	ug/L	97
54) o-Xylene	9.484	106	67311	5.103	ug/L	98
55) Styrene	9.500	104	116275	5.224	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	31814	5.465	ug/L	98
59) Bromoform	9.670	173	21328	5.099	ug/L	98
60) Isopropylbenzene	9.873	105	187084	4.883	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	21963	4.920	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	148228	4.752	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	150642	4.767	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	100248	5.095	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	99535	5.014	ug/L	93
67) 1,2-Dichlorobenzene	11.587	146	88498	5.002	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5497	4.851	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.590	180	75652	4.856	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	58080	4.851	ug/L	98
71) Naphthalene	13.448	128	67225	3.916	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	47033	4.641	ug/L	98

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

