

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051523\
 Data File : VW031039.D
 Acq On : 15 May 2023 21:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Quant Time: May 16 00:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 16 00:10:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	76490	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	41643	3.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.539	69	41111	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.063	65	22472	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.818	46	95645	50.612	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.220%
24) Chloroform-d	4.259	84	102822	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.953	65	53685	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.969	84	178128	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.995	67	51817	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.249	98	168654	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.561	79	18896	4.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.034	63	66763	47.282	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	39169	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	63842	4.478	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	44073	4.313	ug/L	99
3) Chloromethane	1.217	50	46920	3.913	ug/L	99
5) Vinyl chloride	1.285	62	43745	4.359	ug/L	99
6) Bromomethane	1.490	94	19447	4.068	ug/L	95
8) Chloroethane	1.555	64	27037	4.426	ug/L	97
9) Trichlorofluoromethane	1.719	101	86497	4.671	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	43858	4.640	ug/L	99
12) 1,1-Dichloroethene	2.076	96	38355	4.406	ug/L	90
13) Acetone	2.146	43	62627	38.797	ug/L	85
14) Carbon disulfide	2.246	76	80880	3.551	ug/L	99
15) Methyl Acetate	2.391	43	12013	3.658	ug/L #	89
16) Methylene chloride	2.455	84	62563	6.353	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	76396	4.610	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	34393	4.326	ug/L	96
19) 1,1-Dichloroethane	3.117	63	72788	4.741	ug/L	98
21) 2-Butanone	3.905	43	75916	42.762	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	38700	4.613	ug/L	98
23) Bromochloromethane	4.162	128	18550	4.696	ug/L	90
25) Chloroform	4.285	83	85794	5.208	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	50662	4.900	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	78409	4.947	ug/L	98
30) Cyclohexane	4.593	56	48950	4.089	ug/L	100
31) Carbon tetrachloride	4.744	117	70704	4.966	ug/L	99
33) Benzene	5.021	78	150844	4.754	ug/L	100
34) Trichloroethene	5.841	95	40013	4.731	ug/L	95
35) Methylcyclohexane	6.059	83	54668	4.171	ug/L	99
37) 1,2-Dichloropropane	6.101	63	37775	5.019	ug/L	98
38) Bromodichloromethane	6.442	83	56384	5.119	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	50484	4.479	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	194097	49.776	ug/L	99
42) Toluene	7.323	91	171782	5.029	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	43844	4.565	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	29535	5.289	ug/L	98
47) Tetrachloroethene	7.911	164	36153	4.481	ug/L	97
48) 2-Hexanone	8.085	43	149679	50.047	ug/L	99
49) Dibromochloromethane	8.185	129	36156	5.147	ug/L	94
50) 1,2-Dibromoethane	8.291	107	25042	5.028	ug/L #	99
51) Chlorobenzene	8.821	112	111014	4.793	ug/L	99
52) Ethylbenzene	8.953	91	173207	4.651	ug/L	96
53) m,p-Xylene	9.079	106	69609	4.684	ug/L	99
54) o-Xylene	9.484	106	67537	4.775	ug/L	99
55) Styrene	9.503	104	114651	4.804	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	32398	5.190	ug/L	97
59) Bromoform	9.673	173	21773	4.836	ug/L	99
60) Isopropylbenzene	9.873	105	184979	4.485	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	22335	4.648	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	145298	4.328	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	146742	4.314	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	97954	4.625	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	96714	4.526	ug/L	94
67) 1,2-Dichlorobenzene	11.586	146	88896	4.668	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	5200	4.264	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.590	180	73625	4.390	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	56355	4.373	ug/L	98
71) Naphthalene	13.448	128	69059	3.737	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	47466	4.351	ug/L	99

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

