

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025106.D
 Acq On : 21 Mar 2022 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: Mar 21 12:12:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	169083	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59295	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	47172	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.111	63	104704	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.899	46	94858	58.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.600%
24) Chloroform-d	4.346	84	106904	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.031	65	45228	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.047	84	218125	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.066	67	63180	4.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.313	98	197516	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.619	79	21456	4.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.085	63	80982	53.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38332	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	63341	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	80393	5.381	ug/L	98
3) Chloromethane	1.243	50	71882	5.102	ug/L	99
5) Vinyl chloride	1.310	62	79654	5.358	ug/L	99
6) Bromomethane	1.523	94	47380	4.932	ug/L	97
8) Chloroethane	1.587	64	48741	5.407	ug/L	98
9) Trichlorofluoromethane	1.754	101	110618	5.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	64314	5.866	ug/L	98
12) 1,1-Dichloroethene	2.121	96	59798	5.552	ug/L	92
13) Acetone	2.188	43	68907	63.865	ug/L	81
14) Carbon disulfide	2.294	76	196209	5.091	ug/L	100
15) Methyl Acetate	2.442	43	18249	6.174	ug/L	92
16) Methylene chloride	2.507	84	71103	5.448	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	136459	5.816	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	71973	5.552	ug/L	98
19) 1,1-Dichloroethane	3.188	63	121916	5.526	ug/L	99
21) 2-Butanone	3.979	43	110597	64.946	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	74606	5.701	ug/L	97
23) Bromochloromethane	4.249	128	29487	5.715	ug/L	92
25) Chloroform	4.371	83	126764	5.519	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	63283	5.541	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	113699	5.857	ug/L	99
30) Cyclohexane	4.677	56	106651	5.647	ug/L	99
31) Carbon tetrachloride	4.825	117	97554	5.857	ug/L	100
33) Benzene	5.095	78	279428	5.644	ug/L	100
34) Trichloroethene	5.908	95	75559	5.731	ug/L	98
35) Methylcyclohexane	6.127	83	123188	5.903	ug/L	99
37) 1,2-Dichloropropane	6.169	63	67506	5.933	ug/L	100
38) Bromodichloromethane	6.506	83	82676	5.746	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	90198	5.709	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	270419	57.759	ug/L	98
42) Toluene	7.384	91	304487	5.876	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	70810	5.696	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	42865	5.641	ug/L	98
47) Tetrachloroethene	7.973	164	54297	5.855	ug/L	99
48) 2-Hexanone	8.137	43	185538	55.898	ug/L	96
49) Dibromochloromethane	8.243	129	48878	5.746	ug/L	100
50) 1,2-Dibromoethane	8.349	107	41149	5.917	ug/L	99
51) Chlorobenzene	8.876	112	188139	5.798	ug/L	98
52) Ethylbenzene	9.008	91	329320	6.008	ug/L	100
53) m,p-xylene	9.136	106	128823	6.103	ug/L	98
54) o-xylene	9.542	106	122975	6.092	ug/L	97
55) Styrene	9.558	104	201556	6.131	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45942	6.166	ug/L	99
59) Bromoform	9.728	173	21854	5.476	ug/L	99
60) Isopropylbenzene	9.927	105	328063	5.871	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33741	5.415	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	150964	5.954	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	274229	6.107	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	142611	5.883	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	138395	5.664	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	123558	5.753	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5932	5.553	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	102796	6.004	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	79284	5.943	ug/L	99
71) Naphthalene	13.500	128	125229	5.653	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	65034	5.753	ug/L	98

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

