

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025602.D
 Acq On : 18 Apr 2022 12:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Quant Time: Apr 19 05:03:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	207872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	207228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	112828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	84239	4.359	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.571	69	76522	3.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.111	63	174379	4.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.892	46	109875	46.739	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.480%
24) Chloroform-d	4.346	84	131463	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.031	65	58962	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.047	84	265459	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.066	67	75040	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.310	98	251253	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.619	79	25459	4.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.085	63	87014	44.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43765	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	79956	4.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	75328	4.011	ug/L	99
3) Chloromethane	1.246	50	97992	4.803	ug/L	98
5) Vinyl chloride	1.314	62	104523	4.533	ug/L	98
6) Bromomethane	1.526	94	66805	4.018	ug/L	96
8) Chloroethane	1.590	64	75938	4.267	ug/L	99
9) Trichlorofluoromethane	1.757	101	150410	4.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	83892	4.611	ug/L	98
12) 1,1-Dichloroethene	2.121	96	81111	4.499	ug/L	91
13) Acetone	2.185	43	83186	52.135	ug/L	95
14) Carbon disulfide	2.298	76	177252	4.107	ug/L	99
15) Methyl Acetate	2.439	43	19184	5.410	ug/L	# 88
16) Methylene chloride	2.507	84	72664	4.157	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	131379	4.709	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	68334	4.523	ug/L	97
19) 1,1-Dichloroethane	3.192	63	127005	4.963	ug/L	98
21) 2-Butanone	3.976	43	112891	51.203	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	75156	4.725	ug/L	96
23) Bromochloromethane	4.249	128	30486	4.617	ug/L	97
25) Chloroform	4.375	83	136107	5.039	ug/L	98

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27) 1,2-Dichloroethane	5.127	62	72302	5.073	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	115590	4.729	ug/L	99
30) Cyclohexane	4.674	56	90357	4.066	ug/L	98
31) Carbon tetrachloride	4.828	117	95453	4.618	ug/L	99
33) Benzene	5.098	78	289980	4.737	ug/L	100
34) Trichloroethene	5.912	95	74331	4.573	ug/L	99
35) Methylcyclohexane	6.127	83	105924	4.084	ug/L	97
37) 1,2-Dichloropropane	6.169	63	69963	4.940	ug/L	100
38) Bromodichloromethane	6.506	83	89276	5.078	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	90576	4.880	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	303872	53.590	ug/L	97
42) Toluene	7.384	91	316783	4.757	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	72732	5.044	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	45815	4.831	ug/L	99
47) Tetrachloroethene	7.973	164	55508	4.362	ug/L	96
48) 2-Hexanone	8.137	43	215756	54.599	ug/L	97
49) Dibromochloromethane	8.243	129	53663	5.154	ug/L	98
50) 1,2-Dibromoethane	8.349	107	41639	4.674	ug/L	100
51) Chlorobenzene	8.879	112	198769	4.675	ug/L	98
52) Ethylbenzene	9.008	91	321388	4.525	ug/L	99
53) m,p-Xylene	9.133	106	126662	4.691	ug/L	97
54) o-Xylene	9.542	106	122287	4.663	ug/L	97
55) Styrene	9.558	104	210007	4.924	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	44908	4.739	ug/L	98
59) Bromoform	9.728	173	23327	5.009	ug/L	98
60) Isopropylbenzene	9.928	105	321978	4.610	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	35697	4.804	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	139180	4.469	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	262965	4.687	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	151019	4.632	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	154205	4.660	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	131673	4.561	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6713	5.225	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	111257	4.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	82791	4.330	ug/L	99
71) Naphthalene	13.500	128	122448	4.365	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	70027	4.423	ug/L	98

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

