

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024788.D
 Acq On : 21 Feb 2022 20:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

Quant Time: Feb 22 03:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	165267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52636	3.755	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	47309	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.111	63	104308	4.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.886	46	107172	53.525	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	4.352	84	101207	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.034	65	45214	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.050	84	201152	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	60549	4.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.314	98	175698	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.622	79	19871	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	84900	50.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36687	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	55745	4.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77542	4.812	ug/L	100
3) Chloromethane	1.243	50	82819	5.145	ug/L	99
5) Vinyl chloride	1.314	62	87531	4.953	ug/L	98
6) Bromomethane	1.523	94	51757	4.903	ug/L	99
8) Chloroethane	1.587	64	52252	4.800	ug/L	99
9) Trichlorofluoromethane	1.754	101	110680	4.771	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60943	4.524	ug/L	99
12) 1,1-Dichloroethene	2.121	96	63268	4.916	ug/L	95
13) Acetone	2.179	43	71808	50.855	ug/L	94
14) Carbon disulfide	2.298	76	176934	4.898	ug/L	99
15) Methyl Acetate	2.436	43	20429	5.526	ug/L	97
16) Methylene chloride	2.510	84	65564	5.174	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	132504	5.237	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	65535	5.214	ug/L	97
19) 1,1-Dichloroethane	3.191	63	121549	5.281	ug/L	99
21) 2-Butanone	3.970	43	121922	55.876	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	70542	5.309	ug/L	96
23) Bromochloromethane	4.249	128	27025	5.262	ug/L	93
25) Chloroform	4.375	83	127306	5.295	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	66566	5.187	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	105614	5.184	ug/L	99
30) Cyclohexane	4.680	56	99788	4.829	ug/L	98
31) Carbon tetrachloride	4.828	117	87332	5.099	ug/L	99
33) Benzene	5.098	78	274155	5.335	ug/L	100
34) Trichloroethene	5.915	95	70929	5.210	ug/L	98
35) Methylcyclohexane	6.130	83	104216	4.738	ug/L	99
37) 1,2-Dichloropropane	6.172	63	66086	5.443	ug/L	100
38) Bromodichloromethane	6.510	83	81504	5.333	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	87995	5.225	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	311239	53.887	ug/L	99
42) Toluene	7.387	91	285292	5.214	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	68922	5.122	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	42568	5.389	ug/L	99
47) Tetrachloroethene	7.976	164	46259	4.990	ug/L	98
48) 2-Hexanone	8.137	43	219098	53.953	ug/L	99
49) Dibromochloromethane	8.246	129	46133	5.263	ug/L	99
50) 1,2-Dibromoethane	8.352	107	38280	5.311	ug/L	100
51) Chlorobenzene	8.879	112	176770	5.164	ug/L	98
52) Ethylbenzene	9.011	91	308889	5.173	ug/L	100
53) m,p-xylene	9.137	106	118348	5.243	ug/L	98
54) o-xylene	9.542	106	113569	5.148	ug/L	100
55) Styrene	9.558	104	189835	5.291	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41340	4.948	ug/L	97
59) Bromoform	9.731	173	18213	4.987	ug/L #	98
60) Isopropylbenzene	9.931	105	302350	5.067	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34014	5.203	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	253787	5.102	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	251523	5.094	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	128067	5.089	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	126787	5.044	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	114949	5.178	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5599	5.009	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	89418	5.011	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	71098	5.057	ug/L	99
71) Naphthalene	13.500	128	120652	5.046	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59915	5.092	ug/L	99

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

