

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025620.D
 Acq On : 18 Apr 2022 20:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Apr 19 05:10:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	53297	4.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.571	69	54088	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.114	63	105136	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.892	46	83165	61.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.880%
24) Chloroform-d	4.355	84	89094	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.034	65	41985	5.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	5.053	84	168975	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.072	67	50522	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.316	98	156691	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.625	79	16368	5.031	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.088	63	60131	52.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.340%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32264	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50691	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	40606	3.756	ug/L	98
3) Chloromethane	1.246	50	63958	5.444	ug/L	99
5) Vinyl chloride	1.314	62	61159	4.607	ug/L	100
6) Bromomethane	1.526	94	40684	4.250	ug/L	99
8) Chloroethane	1.590	64	48384	4.722	ug/L	96
9) Trichlorofluoromethane	1.757	101	79059	4.240	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	42150	4.024	ug/L	99
12) 1,1-Dichloroethene	2.124	96	44546	4.291	ug/L	87
13) Acetone	2.182	43	62129	67.628	ug/L	98
14) Carbon disulfide	2.297	76	92215	3.711	ug/L	99
15) Methyl Acetate	2.442	43	13310	6.519	ug/L	92
16) Methylene chloride	2.510	84	48083	4.777	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	90281	5.620	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	37234	4.280	ug/L	96
19) 1,1-Dichloroethane	3.194	63	78200	5.308	ug/L	98
21) 2-Butanone	3.976	43	83864	66.064	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	44529	4.862	ug/L	92
23) Bromochloromethane	4.252	128	20394	5.364	ug/L	93
25) Chloroform	4.381	83	86126	5.538	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	48427	5.902	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	63912	4.518	ug/L	98
30) Cyclohexane	4.680	56	44457	3.456	ug/L	96
31) Carbon tetrachloride	4.828	117	49280	4.119	ug/L	99
33) Benzene	5.104	78	164043	4.630	ug/L	100
34) Trichloroethene	5.918	95	40415	4.296	ug/L	98
35) Methylcyclohexane	6.130	83	51010	3.398	ug/L	95
37) 1,2-Dichloropropane	6.175	63	41610	5.076	ug/L	99
38) Bromodichloromethane	6.513	83	54291	5.335	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	51755	4.818	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	219014	66.731	ug/L	97
42) Toluene	7.387	91	167498	4.346	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43109	5.165	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	30773	5.606	ug/L	98
47) Tetrachloroethene	7.976	164	28029	3.806	ug/L	97
48) 2-Hexanone	8.140	43	159699	69.821	ug/L	95
49) Dibromochloromethane	8.246	129	31643	5.251	ug/L	97
50) 1,2-Dibromoethane	8.352	107	26599	5.159	ug/L	99
51) Chlorobenzene	8.882	112	104105	4.230	ug/L	99
52) Ethylbenzene	9.011	91	156896	3.817	ug/L	100
53) m,p-Xylene	9.140	106	60923	3.898	ug/L	96
54) o-Xylene	9.541	106	61720	4.066	ug/L	97
55) Styrene	9.561	104	105944	4.292	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	30852	5.625	ug/L	97
59) Bromoform	9.731	173	13799	5.172	ug/L	97
60) Isopropylbenzene	9.931	105	155174	3.878	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24904	5.850	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	66076	3.704	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	121573	3.782	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	77819	4.167	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	76376	4.029	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	71653	4.332	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4388	5.962	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	54129	3.809	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	39898	3.642	ug/L	98
71) Naphthalene	13.500	128	64544	4.017	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	35336	3.896	ug/L	99

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

