

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025657.D
 Acq On : 20 Apr 2022 19:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

Quant Time: Apr 21 08:30:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123631	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	45201	3.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.571	69	51522	4.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.114	63	97616	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.892	46	90168	64.491	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.980%
24) Chloroform-d	4.352	84	89477	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.037	65	42408	5.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
32) Benzene-d6	5.053	84	167549	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.072	67	52175	5.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.317	98	149748	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.625	79	16303	4.915	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.088	63	65087	55.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32771	5.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	48342	4.531	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	38793	3.474	ug/L	100
3) Chloromethane	1.246	50	66269	5.461	ug/L	98
5) Vinyl chloride	1.314	62	63168	4.606	ug/L	100
6) Bromomethane	1.526	94	42966	4.345	ug/L	93
8) Chloroethane	1.587	64	50647	4.785	ug/L	98
9) Trichlorofluoromethane	1.757	101	77067	4.001	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	40727	3.764	ug/L	97
12) 1,1-Dichloroethene	2.124	96	44172	4.119	ug/L	86
13) Acetone	2.182	43	64786	68.269	ug/L	97
14) Carbon disulfide	2.297	76	90572	3.529	ug/L	98
15) Methyl Acetate	2.442	43	15040	7.131	ug/L	89
16) Methylene chloride	2.510	84	49765	4.787	ug/L	93
17) Methyl tert-butyl Ether	2.773	73	94443	5.692	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	39671	4.415	ug/L	95
19) 1,1-Dichloroethane	3.195	63	83910	5.513	ug/L	98
21) 2-Butanone	3.976	43	90126	68.731	ug/L	93
22) cis-1,2-Dichloroethene	3.918	96	46778	4.945	ug/L	99
23) Bromochloromethane	4.256	128	20883	5.317	ug/L	94
25) Chloroform	4.381	83	90122	5.610	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49080	5.790	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	66950	4.642	ug/L	98
30) Cyclohexane	4.680	56	44041	3.358	ug/L	96
31) Carbon tetrachloride	4.831	117	51287	4.205	ug/L	100
33) Benzene	5.101	78	171108	4.737	ug/L	100
34) Trichloroethene	5.918	95	40657	4.239	ug/L	100
35) Methylcyclohexane	6.133	83	46047	3.009	ug/L	96
37) 1,2-Dichloropropane	6.175	63	43453	5.200	ug/L	99
38) Bromodichloromethane	6.513	83	56937	5.488	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	51157	4.671	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	234368	70.041	ug/L	96
42) Toluene	7.387	91	168049	4.277	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	44568	5.238	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	31707	5.666	ug/L	97
47) Tetrachloroethene	7.976	164	31883	4.246	ug/L	97
48) 2-Hexanone	8.140	43	168675	72.333	ug/L	95
49) Dibromochloromethane	8.246	129	33226	5.408	ug/L	99
50) 1,2-Dibromoethane	8.352	107	27622	5.255	ug/L	94
51) Chlorobenzene	8.882	112	105385	4.200	ug/L	99
52) Ethylbenzene	9.011	91	157775	3.765	ug/L	100
53) m,p-Xylene	9.140	106	59933	3.761	ug/L	99
54) o-Xylene	9.542	106	61098	3.948	ug/L	98
55) Styrene	9.561	104	108045	4.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	30452	5.446	ug/L	99
59) Bromoform	9.731	173	14240	5.421	ug/L	99
60) Isopropylbenzene	9.931	105	152628	3.875	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	26400	6.299	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	64343	3.663	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	117145	3.702	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	76712	4.172	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	76198	4.082	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	72303	4.440	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4361	6.018	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	50981	3.644	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	39979	3.707	ug/L	98
71) Naphthalene	13.500	128	67488	4.266	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	35728	4.001	ug/L	98

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

