

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026635.D
 Acq On : 01 Jul 2022 17:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: Jul 04 02:06:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	193336	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	186442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	63300	4.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.584	69	56634	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.124	63	123078	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.921	46	110527	71.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.000%#
24) Chloroform-d	4.365	84	130761	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.047	65	51761	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.063	84	241377	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.079	67	73022	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.320	98	218745	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.628	79	20301	5.333	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.095	63	84864	58.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53963	5.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	74877	4.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	69575	4.726	ug/L	100
3) Chloromethane	1.256	50	78587	4.881	ug/L	100
5) Vinyl chloride	1.326	62	84383	4.922	ug/L	94
6) Bromomethane	1.539	94	44740	4.821	ug/L	96
8) Chloroethane	1.600	64	57631	4.943	ug/L	92
9) Trichlorofluoromethane	1.767	101	120963	5.060	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	70350	4.966	ug/L	99
12) 1,1-Dichloroethene	2.133	96	67535	5.172	ug/L	95
13) Acetone	2.214	43	67084	68.407	ug/L	100
14) Carbon disulfide	2.307	76	168488	4.891	ug/L	100
15) Methyl Acetate	2.461	43	17094	6.045	ug/L	97
16) Methylene chloride	2.523	84	73649	5.313	ug/L	98
17) Methyl tert-butyl Ether	2.789	73	112950	5.307	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	67385	5.058	ug/L	97
19) 1,1-Dichloroethane	3.207	63	125081	5.228	ug/L	99
21) 2-Butanone	4.011	43	97299	65.953	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	69769	5.274	ug/L	94
23) Bromochloromethane	4.265	128	30938	5.678	ug/L	93
25) Chloroform	4.391	83	135716	5.303	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	61400	5.391	ug/L	97
29) 1,1,1-Trichloroethane	4.622	97	116437	5.075	ug/L	99
30) Cyclohexane	4.690	56	80680	4.442	ug/L	99
31) Carbon tetrachloride	4.841	117	99860	5.189	ug/L	98
33) Benzene	5.111	78	278411	5.114	ug/L	100
34) Trichloroethene	5.921	95	68635	4.796	ug/L	98
35) Methylcyclohexane	6.137	83	92029	4.347	ug/L	99
37) 1,2-Dichloropropane	6.182	63	67679	5.158	ug/L	99
38) Bromodichloromethane	6.516	83	80538	5.200	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	68832	5.219	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	252845	57.052	ug/L	97
42) Toluene	7.390	91	296456	5.275	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	56373	5.747	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	46312	5.597	ug/L	98
47) Tetrachloroethene	7.979	164	55901	4.906	ug/L	98
48) 2-Hexanone	8.143	43	181847	58.945	ug/L	95
49) Dibromochloromethane	8.249	129	48973	5.845	ug/L	99
50) 1,2-Dibromoethane	8.355	107	40407	5.493	ug/L	98
51) Chlorobenzene	8.882	112	185541	5.040	ug/L	98
52) Ethylbenzene	9.014	91	286759	4.934	ug/L	100
53) m,p-Xylene	9.140	106	114859	5.066	ug/L	95
54) o-Xylene	9.545	106	107181	5.036	ug/L	100
55) Styrene	9.564	104	189372	5.372	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	52250	5.655	ug/L	100
59) Bromoform	9.734	173	21637	5.914	ug/L	99
60) Isopropylbenzene	9.934	105	285777	4.667	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33462	5.205	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	214814	4.438	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	215637	4.518	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	145219	4.876	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	143607	4.856	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127825	5.044	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6147	5.331	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	100604	4.698	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	72033	4.764	ug/L	99
71) Naphthalene	13.503	128	95396	4.836	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	62832	5.077	ug/L	99

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

