

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026475.D
 Acq On : 21 Jun 2022 02:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Jun 21 05:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	205917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	193238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	68758	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.584	69	58578	4.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.124	63	133642	4.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.934	46	95750	54.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.740%
24) Chloroform-d	4.365	84	138265	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.047	65	53100	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.063	84	268549	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.075	67	76326	5.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.320	98	253731	5.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
43) trans-1,3-Dichloroprop...	7.628	79	21152	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.091	63	77968	52.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52802	5.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77319	5.028	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	74736	4.854	ug/L	100
3) Chloromethane	1.256	50	72946	4.267	ug/L	99
5) Vinyl chloride	1.326	62	84170	4.735	ug/L	89
6) Bromomethane	1.539	94	41748	4.202	ug/L	99
8) Chloroethane	1.603	64	59533	5.395	ug/L	92
9) Trichlorofluoromethane	1.770	101	121718	4.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	73310	5.152	ug/L	99
12) 1,1-Dichloroethene	2.133	96	66713	5.128	ug/L	99
13) Acetone	2.227	43	65554	48.470	ug/L	68
14) Carbon disulfide	2.310	76	143407	4.471	ug/L	100
15) Methyl Acetate	2.465	43	18592	5.729	ug/L	98
16) Methylene chloride	2.523	84	75806	4.567	ug/L	95
17) Methyl tert-butyl Ether	2.789	73	124851	5.582	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	65921	5.225	ug/L	96
19) 1,1-Dichloroethane	3.207	63	131884	5.481	ug/L	98
21) 2-Butanone	4.018	43	99910	57.091	ug/L	96
22) cis-1,2-Dichloroethene	3.928	96	73518	5.759	ug/L	97
23) Bromochloromethane	4.265	128	30223	5.580	ug/L	97
25) Chloroform	4.391	83	139378	5.340	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	65350	5.501	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	120236	5.631	ug/L	98
30) Cyclohexane	4.690	56	83284	5.215	ug/L	99
31) Carbon tetrachloride	4.838	117	97514	5.392	ug/L	99
33) Benzene	5.111	78	286379	5.781	ug/L	100
34) Trichloroethene	5.921	95	72050	5.327	ug/L	99
35) Methylcyclohexane	6.136	83	93597	5.003	ug/L	98
37) 1,2-Dichloropropane	6.178	63	70333	5.428	ug/L #	97
38) Bromodichloromethane	6.516	83	87099	5.542	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	74147	5.014	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	275160	57.753	ug/L	97
42) Toluene	7.390	91	309705	5.944	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	57682	4.884	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	46754	5.497	ug/L	94
47) Tetrachloroethene	7.976	164	57033	5.693	ug/L	96
48) 2-Hexanone	8.143	43	192332	56.344	ug/L	99
49) Dibromochloromethane	8.246	129	49573	5.263	ug/L	100
50) 1,2-Dibromoethane	8.355	107	40921	5.646	ug/L	97
51) Chlorobenzene	8.882	112	195102	5.734	ug/L	98
52) Ethylbenzene	9.014	91	305562	5.850	ug/L	99
53) m,p-Xylene	9.140	106	121216	5.953	ug/L	94
54) o-Xylene	9.545	106	115120	5.836	ug/L	96
55) Styrene	9.561	104	202638	6.118	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53233	6.170	ug/L	96
59) Bromoform	9.731	173	21170	4.829	ug/L	99
60) Isopropylbenzene	9.931	105	312604	5.873	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34776	5.368	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	241147	5.710	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	245964	5.884	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	150577	5.757	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	149550	5.627	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	132304	5.711	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6283	5.475	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	103508	5.474	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	74324	5.329	ug/L	99
71) Naphthalene	13.500	128	99469	5.137	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63572	5.444	ug/L	96

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

