

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026222.D
 Acq On : 13 Jun 2022 20:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005312

Quant Time: Jun 14 02:42:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	182504	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	91816	3.847	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.577	69	75040	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.118	63	155533	4.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.915	46	136017	76.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.780%#
24) Chloroform-d	4.359	84	147542	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.040	65	65072	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.056	84	290620	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.072	67	88353	4.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.317	98	267164	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.625	79	27667	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.092	63	104227	55.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58035	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	88636	4.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	81458	4.856	ug/L	99
3) Chloromethane	1.249	50	86932	4.774	ug/L	99
5) Vinyl chloride	1.320	62	91196	4.782	ug/L	100
6) Bromomethane	1.532	94	49270	4.421	ug/L	99
8) Chloroethane	1.593	64	54862	4.612	ug/L	95
9) Trichlorofluoromethane	1.761	101	122480	4.769	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	71123	4.873	ug/L	99
12) 1,1-Dichloroethene	2.127	96	65885	4.721	ug/L	83
13) Acetone	2.211	43	69832m	68.691	ug/L	
14) Carbon disulfide	2.301	76	166145	4.688	ug/L	99
15) Methyl Acetate	2.452	43	18697	6.298	ug/L	93
16) Methylene chloride	2.516	84	99356	6.908	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	123300	5.434	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	63664	4.758	ug/L	98
19) 1,1-Dichloroethane	3.201	63	121691	4.739	ug/L	99
21) 2-Butanone	3.998	43	115155	83.216	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	66591	4.947	ug/L	100
23) Bromochloromethane	4.259	128	28979	5.156	ug/L	97
25) Chloroform	4.384	83	129785	4.836	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	61941	4.966	ug/L	97
29) 1,1,1-Trichloroethane	4.616	97	109361	4.717	ug/L	98
30) Cyclohexane	4.683	56	84128	4.738	ug/L	98
31) Carbon tetrachloride	4.834	117	92244	4.922	ug/L	100
33) Benzene	5.105	78	266982	4.992	ug/L	100
34) Trichloroethene	5.918	95	67987	4.707	ug/L	99
35) Methylcyclohexane	6.133	83	94447	4.837	ug/L	98
37) 1,2-Dichloropropane	6.178	63	67138	4.846	ug/L	100
38) Bromodichloromethane	6.513	83	80801	4.897	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	80432	5.204	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	293110	59.120	ug/L	95
42) Toluene	7.391	91	288351	5.093	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	67645	5.564	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	46173	5.295	ug/L	97
47) Tetrachloroethene	7.976	164	51791	4.993	ug/L	97
48) 2-Hexanone	8.143	43	209456	59.492	ug/L	95
49) Dibromochloromethane	8.246	129	50465	5.302	ug/L	97
50) 1,2-Dibromoethane	8.355	107	39705	5.322	ug/L	100
51) Chlorobenzene	8.883	112	180044	4.945	ug/L	99
52) Ethylbenzene	9.014	91	281696	5.014	ug/L	99
53) m,p-Xylene	9.140	106	113163	5.262	ug/L	95
54) o-Xylene	9.545	106	105201	5.060	ug/L	99
55) Styrene	9.561	104	187355	5.465	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	48757	5.516	ug/L	97
59) Bromoform	9.731	173	23366	5.196	ug/L	99
60) Isopropylbenzene	9.931	105	284047	4.638	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	35124	4.890	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	217764	4.510	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	223306	4.699	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	142707	4.888	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	140485	4.850	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	125774	4.805	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6529	5.179	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	99030	4.826	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	74808	5.064	ug/L	99
71) Naphthalene	13.500	128	106886	5.176	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	65370	5.360	ug/L	97

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

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