

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026296.D
 Acq On : 15 Jun 2022 22:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Jun 16 01:44:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	216190	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	208364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	106962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	90007	4.793	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.581	69	73048	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.121	63	157852	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.915	46	107430	58.633	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.260%
24) Chloroform-d	4.359	84	147529	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.040	65	58914	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.056	84	290987	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.072	67	83023	5.107	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.317	98	277284	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.625	79	24699	4.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.092	63	82016	51.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52300	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	83129	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	80391	4.973	ug/L	99
3) Chloromethane	1.253	50	84641	4.716	ug/L	99
5) Vinyl chloride	1.323	62	91265	4.891	ug/L	100
6) Bromomethane	1.536	94	48809	4.680	ug/L	98
8) Chloroethane	1.597	64	57440	4.958	ug/L	93
9) Trichlorofluoromethane	1.764	101	128798	5.000	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	74195	4.966	ug/L	98
12) 1,1-Dichloroethene	2.130	96	69188	5.066	ug/L	98
13) Acetone	2.204	43	70453	49.617	ug/L	95
14) Carbon disulfide	2.304	76	167719	4.980	ug/L	100
15) Methyl Acetate	2.455	43	17476	5.129	ug/L	98
16) Methylene chloride	2.519	84	72078	4.136	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	116747	4.971	ug/L	98
18) trans-1,2-Dichloroethene	2.773	96	66372	5.011	ug/L	97
19) 1,1-Dichloroethane	3.201	63	128119	5.072	ug/L	99
21) 2-Butanone	4.002	43	102362	55.713	ug/L	94
22) cis-1,2-Dichloroethene	3.924	96	68172	5.087	ug/L	98
23) Bromochloromethane	4.262	128	29633	5.211	ug/L	97
25) Chloroform	4.384	83	135036	4.928	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	63476	5.089	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	116292	5.051	ug/L	99
30) Cyclohexane	4.687	56	85103	4.942	ug/L	99
31) Carbon tetrachloride	4.838	117	98191	5.036	ug/L	98
33) Benzene	5.108	78	281215	5.264	ug/L	100
34) Trichloroethene	5.918	95	71373	4.894	ug/L	98
35) Methylcyclohexane	6.137	83	94403	4.679	ug/L	99
37) 1,2-Dichloropropane	6.178	63	68969	4.936	ug/L #	97
38) Bromodichloromethane	6.513	83	82997	4.897	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	75190	4.715	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	267100	51.991	ug/L	98
42) Toluene	7.391	91	300919	5.356	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	61790	4.852	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	46252	5.043	ug/L	96
47) Tetrachloroethene	7.976	164	57137	5.289	ug/L	97
48) 2-Hexanone	8.143	43	196126	53.284	ug/L	100
49) Dibromochloromethane	8.249	129	49560	4.880	ug/L	93
50) 1,2-Dibromoethane	8.355	107	39597	5.067	ug/L	99
51) Chlorobenzene	8.882	112	184586	5.031	ug/L	100
52) Ethylbenzene	9.014	91	293789	5.216	ug/L	100
53) m,p-Xylene	9.140	106	115585	5.265	ug/L	97
54) o-Xylene	9.545	106	109152	5.132	ug/L	95
55) Styrene	9.561	104	192875	5.400	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	49664	5.339	ug/L	96
59) Bromoform	9.731	173	21499	4.578	ug/L	100
60) Isopropylbenzene	9.931	105	295690	5.185	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33715	4.857	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	224247	4.956	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	224584	5.015	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	142178	5.074	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	139528	4.900	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	123511	4.977	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5753	4.679	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	97561	4.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	69288	4.637	ug/L	99
71) Naphthalene	13.500	128	91413	4.406	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56997	4.556	ug/L	98

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

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