

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081522\
 Data File : VW027399.D
 Acq On : 15 Aug 2022 20:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Aug 16 00:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154979	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	44136	3.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.561	69	36654	3.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.101	63	90297	3.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.892	46	110825	48.601	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.200%
24) Chloroform-d	4.342	84	114025	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.031	65	55143	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.043	84	198045	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.066	67	65750	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.313	98	188696	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.622	79	23478	4.473	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	103756	51.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54589	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67520	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	89909	4.882	ug/L	98
3) Chloromethane	1.236	50	75530	4.100	ug/L	96
5) Vinyl chloride	1.304	62	74214	4.319	ug/L	99
6) Bromomethane	1.516	94	29935	3.731	ug/L	97
8) Chloroethane	1.581	64	44499	4.658	ug/L	98
9) Trichlorofluoromethane	1.748	101	111360	4.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	53991	5.011	ug/L	98
12) 1,1-Dichloroethene	2.111	96	51497	4.614	ug/L	91
13) Acetone	2.179	43	63249	37.534	ug/L	98
14) Carbon disulfide	2.285	76	184503	4.129	ug/L	98
15) Methyl Acetate	2.436	43	17352	4.229	ug/L	99
16) Methylene chloride	2.500	84	74278	4.144	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	125632	4.823	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	63631	4.635	ug/L	99
19) 1,1-Dichloroethane	3.185	63	130277	4.957	ug/L	99
21) 2-Butanone	3.976	43	107062	46.661	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	64921	4.809	ug/L	99
23) Bromochloromethane	4.243	128	29990	4.753	ug/L	98
25) Chloroform	4.368	83	137549	5.094	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	75149	4.869	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	116771	4.994	ug/L	99
30) Cyclohexane	4.670	56	89622	4.732	ug/L	99
31) Carbon tetrachloride	4.822	117	102617	5.043	ug/L	100
33) Benzene	5.095	78	269065	4.738	ug/L	100
34) Trichloroethene	5.908	95	65800	4.655	ug/L	98
35) Methylcyclohexane	6.127	83	90415	4.646	ug/L	99
37) 1,2-Dichloropropane	6.169	63	71887	5.122	ug/L	99
38) Bromodichloromethane	6.506	83	93797	5.185	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	86318	5.031	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	364039	50.258	ug/L	100
42) Toluene	7.384	91	295630	5.218	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	74465	4.961	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	49224	4.919	ug/L	98
47) Tetrachloroethene	7.973	164	54918	4.948	ug/L	97
48) 2-Hexanone	8.140	43	274851	52.878	ug/L	98
49) Dibromochloromethane	8.243	129	58340	4.981	ug/L	94
50) 1,2-Dibromoethane	8.352	107	42455	4.772	ug/L	96
51) Chlorobenzene	8.879	112	185312	5.022	ug/L	99
52) Ethylbenzene	9.011	91	289359	5.083	ug/L	99
53) m,p-Xylene	9.136	106	113383	5.223	ug/L	98
54) o-Xylene	9.542	106	107233	5.050	ug/L	99
55) Styrene	9.561	104	193869	5.309	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	56489	5.065	ug/L	96
59) Bromoform	9.731	173	28827	4.862	ug/L	98
60) Isopropylbenzene	9.931	105	290348	5.243	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	39188	4.628	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	74986	4.899	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	217905	4.966	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	143059	5.170	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	144501	5.190	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	130786	5.075	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	8545	4.831	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	97782	4.901	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	72784	4.881	ug/L	98
71) Naphthalene	13.500	128	101439	4.403	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	66129	4.758	ug/L	96

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

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