

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027631.D
 Acq On : 31 Aug 2022 21:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

Quant Time: Sep 01 02:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	155431	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	75902	4.495	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.565	69	64208	4.545	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.105	63	151490	4.584	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.944	46	162943	57.075	ug/L	0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.160%	
24) Chloroform-d	4.336	84	140821	4.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.027	65	73482	4.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.034	84	268126	4.813	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.069	67	94813	5.502	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.000%	
41) Toluene-d8	7.313	98	261421	5.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
43) trans-1,3-Dichloroprop...	7.625	79	26872	5.062	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.200%	
46) 2-Hexanone-d5	8.108	63	101810	50.998	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.000%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	56677	5.111	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	79314	4.699	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	100728	4.757	ug/L	98
3) Chloromethane	1.233	50	90256	4.452	ug/L	100
5) Vinyl chloride	1.304	62	85021	4.404	ug/L	96
6) Bromomethane	1.516	94	41671	4.593	ug/L	100
8) Chloroethane	1.581	64	51327	4.757	ug/L	94
9) Trichlorofluoromethane	1.751	101	120434	4.651	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	62026	4.400	ug/L	97
12) 1,1-Dichloroethene	2.114	96	60168	4.638	ug/L	99
13) Acetone	2.227	43	95737	49.560	ug/L	79
14) Carbon disulfide	2.285	76	171067	4.173	ug/L	100
15) Methyl Acetate	2.449	43	24535	4.787	ug/L	100
16) Methylene chloride	2.500	84	64935	3.967	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	139036	5.016	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	62921	4.279	ug/L	93
19) 1,1-Dichloroethane	3.179	63	126098	4.380	ug/L	99
21) 2-Butanone	4.031	43	153262	58.499	ug/L	86
22) cis-1,2-Dichloroethene	3.896	96	65965	4.494	ug/L	96
23) Bromochloromethane	4.236	128	26336	4.050	ug/L	96
25) Chloroform	4.365	83	129837	4.295	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81328	4.928	ug/L	99
29) 1,1,1-Trichloroethane	4.587	97	118394	5.034	ug/L	99
30) Cyclohexane	4.648	56	108042	5.446	ug/L	98
31) Carbon tetrachloride	4.802	117	100527	4.995	ug/L	100
33) Benzene	5.082	78	265411	5.003	ug/L	100
34) Trichloroethene	5.899	95	75299	5.774	ug/L	96
35) Methylcyclohexane	6.114	83	107756	5.325	ug/L	99
37) 1,2-Dichloropropane	6.172	63	72087	5.381	ug/L #	97
38) Bromodichloromethane	6.513	83	86099	5.082	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	80985	4.952	ug/L	98
40) 4-Methyl-2-pentanone	7.256	43	327931	55.082	ug/L	98
42) Toluene	7.387	91	290217	5.479	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	69107	5.185	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	45395	5.254	ug/L	93
47) Tetrachloroethene	7.973	164	53086	5.021	ug/L	96
48) 2-Hexanone	8.159	43	247530	55.402	ug/L	99
49) Dibromochloromethane	8.249	129	52744	5.152	ug/L	95
50) 1,2-Dibromoethane	8.355	107	41404	5.349	ug/L	100
51) Chlorobenzene	8.883	112	169997	5.090	ug/L	98
52) Ethylbenzene	9.011	91	266951	4.974	ug/L	99
53) m,p-Xylene	9.137	106	105521	5.115	ug/L	98
54) o-Xylene	9.542	106	101057	5.133	ug/L	100
55) Styrene	9.561	104	183703	5.464	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	50558	5.292	ug/L	97
59) Bromoform	9.731	173	25727	4.804	ug/L	98
60) Isopropylbenzene	9.931	105	270119	4.734	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	36311	4.760	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	69814	4.484	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	200754	4.485	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	134603	4.888	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	131638	4.808	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	122563	4.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6965	4.585	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	92786	4.674	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64309	4.395	ug/L	100
71) Naphthalene	13.500	128	90206	3.939	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59490	4.513	ug/L	97

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

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