

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027412.D
 Acq On : 16 Aug 2022 17:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

Quant Time: Aug 16 19:16:44 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	5.616	114	145131	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	40709	3.229	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.600%	
7) Chloroethane-d5	1.561	69	34611	3.780	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.105	63	98568	4.310	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.200%	
20) 2-Butanone-d5	3.883	46	111147	52.049	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.100%	
24) Chloroform-d	4.342	84	109611	4.740	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.030	65	55793	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.047	84	188387	4.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.069	67	63217	4.456	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.313	98	178356	4.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	7.622	79	23751	4.833	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.088	63	107509	56.526	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.060%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54938	5.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	66448	4.540	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	83119	4.819	ug/L	100
3) Chloromethane	1.236	50	71862	4.165	ug/L	99
5) Vinyl chloride	1.307	62	70625	4.389	ug/L	99
6) Bromomethane	1.516	94	26354	3.508	ug/L	98
8) Chloroethane	1.580	64	38178	4.267	ug/L	95
9) Trichlorofluoromethane	1.748	101	108198	5.036	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	63405	6.285	ug/L	95
12) 1,1-Dichloroethene	2.111	96	57651	5.516	ug/L	90
13) Acetone	2.166	43	59114	37.461	ug/L	100
14) Carbon disulfide	2.288	76	172173	4.114	ug/L	100
15) Methyl Acetate	2.432	43	16969	4.417	ug/L	97
16) Methylene chloride	2.500	84	80194	4.778	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	116160	4.762	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	60747	4.726	ug/L	99
19) 1,1-Dichloroethane	3.185	63	120966	4.915	ug/L	98
21) 2-Butanone	3.969	43	99081	46.113	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	60778	4.808	ug/L	100
23) Bromochloromethane	4.243	128	28662	4.851	ug/L	97
25) Chloroform	4.371	83	131482	5.200	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	70692	4.892	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	112555	5.142	ug/L	98
30) Cyclohexane	4.670	56	83019	4.681	ug/L	99
31) Carbon tetrachloride	4.821	117	95471	5.011	ug/L	99
33) Benzene	5.095	78	250882	4.719	ug/L	100
34) Trichloroethene	5.911	95	62400	4.715	ug/L	99
35) Methylcyclohexane	6.127	83	86297	4.736	ug/L	99
37) 1,2-Dichloropropane	6.169	63	67431	5.131	ug/L	100
38) Bromodichloromethane	6.506	83	85331	5.038	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	80909	5.037	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	336735	49.650	ug/L	100
42) Toluene	7.384	91	283611	5.347	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	72037	5.126	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	46288	4.940	ug/L	98
47) Tetrachloroethene	7.972	164	52418	5.044	ug/L	99
48) 2-Hexanone	8.140	43	256692	52.743	ug/L	99
49) Dibromochloromethane	8.243	129	54681	4.986	ug/L	100
50) 1,2-Dibromoethane	8.352	107	40722	4.889	ug/L #	98
51) Chlorobenzene	8.879	112	171662	4.968	ug/L	100
52) Ethylbenzene	9.011	91	268743	5.042	ug/L	99
53) m,p-Xylene	9.136	106	107108	5.269	ug/L	97
54) o-Xylene	9.542	106	102895	5.175	ug/L	98
55) Styrene	9.558	104	180417	5.277	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	54419	5.211	ug/L	97
59) Bromoform	9.731	173	28567	4.996	ug/L	99
60) Isopropylbenzene	9.931	105	273342	5.118	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38458	4.709	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	69634	4.717	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	204707	4.838	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	135867	5.091	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	133414	4.968	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	124579	5.013	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7698	4.512	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	95046	4.939	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	66270	4.608	ug/L	99
71) Naphthalene	13.500	128	92024	4.141	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61069	4.556	ug/L	99

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

