

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027291.D
 Acq On : 11 Aug 2022 20:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

Quant Time: Aug 12 02:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:58:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2022
 Supervised By :Mahesh Dadoda 08/14/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	182680	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	83956	5.290	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.800%		
7) Chloroethane-d5	1.561	69	56194	4.875	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.600%		
11) 1,1-Dichloroethene-d2	2.101	63	145759	5.064	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.200%		
20) 2-Butanone-d5	3.886	46	122341	45.515	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 91.040%		
24) Chloroform-d	4.345	84	144154	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.000%		
26) 1,2-Dichloroethane-d4	5.030	65	68146	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.200%		
32) Benzene-d6	5.046	84	276540	5.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
36) 1,2-Dichloropropane-d6	6.066	67	84438	5.022	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.400%		
41) Toluene-d8	7.313	98	268656	5.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.000%		
43) trans-1,3-Dichloroprop...	7.622	79	27873	4.786	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.800%		
46) 2-Hexanone-d5	8.088	63	118783	52.701	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.400%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	59632	4.902	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 98.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	84807	4.992	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	110556	5.093	ug/L	99
3) Chloromethane	1.236	50	103650	4.773	ug/L	100
5) Vinyl chloride	1.307	62	100880	4.981	ug/L	97
6) Bromomethane	1.516	94	46745	4.943	ug/L	97
8) Chloroethane	1.580	64	53500	4.751	ug/L	99
9) Trichlorofluoromethane	1.748	101	136379	5.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	63317	4.986	ug/L	98
12) 1,1-Dichloroethene	2.111	96	64234	4.883	ug/L	96
13) Acetone	2.166	43	89804m	45.211	ug/L	
14) Carbon disulfide	2.288	76	257905	4.896	ug/L	99
15) Methyl Acetate	2.432	43	22542	4.661	ug/L	92
16) Methylene chloride	2.500	84	85476	4.046	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	145337	4.733	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	79003	4.883	ug/L	99
19) 1,1-Dichloroethane	3.185	63	147483	4.761	ug/L	98
21) 2-Butanone	3.969	43	115062	42.543	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	75594	4.751	ug/L	97
23) Bromochloromethane	4.243	128	35529	4.777	ug/L	97
25) Chloroform	4.371	83	153302	4.816	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81456	4.478	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	130638	5.036	ug/L	100
30) Cyclohexane	4.673	56	116797	5.557	ug/L	98
31) Carbon tetrachloride	4.825	117	115086	5.098	ug/L	99
33) Benzene	5.095	78	317521	5.039	ug/L	100
34) Trichloroethene	5.911	95	77243	4.925	ug/L	97
35) Methylcyclohexane	6.127	83	120699	5.590	ug/L	97
37) 1,2-Dichloropropane	6.172	63	81084	5.207	ug/L	99
38) Bromodichloromethane	6.509	83	96708	4.818	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	99435	5.224	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	415027	51.638	ug/L	100
42) Toluene	7.384	91	338720	5.388	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	83585	5.019	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	55467	4.996	ug/L	97
47) Tetrachloroethene	7.972	164	64814	5.262	ug/L	98
48) 2-Hexanone	8.140	43	304798	52.848	ug/L	99
49) Dibromochloromethane	8.246	129	63638	4.896	ug/L	98
50) 1,2-Dibromoethane	8.352	107	48867	4.950	ug/L	98
51) Chlorobenzene	8.879	112	207199	5.060	ug/L	98
52) Ethylbenzene	9.011	91	334255	5.292	ug/L	99
53) m,p-Xylene	9.136	106	133823	5.555	ug/L	98
54) o-Xylene	9.541	106	123923	5.259	ug/L	100
55) Styrene	9.561	104	221399	5.464	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	60285	4.871	ug/L	95
59) Bromoform	9.731	173	30668	4.620	ug/L	99
60) Isopropylbenzene	9.930	105	330160	5.326	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	44583	4.703	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	85858	5.011	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	248376	5.056	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	160860	5.193	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	159327	5.111	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	145975	5.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	9408	4.751	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	110145	4.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	81894	4.906	ug/L	97
71) Naphthalene	13.503	128	126172	4.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	76345	4.906	ug/L	97

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

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