

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024996.D
 Acq On : 15 Mar 2022 14:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Mar 16 03:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:13:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	170640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67827	5.035	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.600%		
7) Chloroethane-d5	1.568	69	50740	5.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.800%		
11) 1,1-Dichloroethene-d2	2.111	63	111018	5.099	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.000%		
20) 2-Butanone-d5	3.899	46	83406m	51.229	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 102.460%		
24) Chloroform-d	4.346	84	112276	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4	5.030	65	46411	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.400%		
32) Benzene-d6	5.047	84	234314	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.200%		
36) 1,2-Dichloropropane-d6	6.066	67	66721	5.014	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.200%		
41) Toluene-d8	7.313	98	214413	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
43) trans-1,3-Dichloroprop...	7.622	79	23610	5.090	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.800%		
46) 2-Hexanone-d5	8.088	63	82689	52.260	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.520%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41528	5.305	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	65770	5.140	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	77013	5.108	ug/L	97
3) Chloromethane	1.243	50	68812	4.839	ug/L	100
5) Vinyl chloride	1.310	62	76306	5.086	ug/L	99
6) Bromomethane	1.523	94	48972	5.051	ug/L	99
8) Chloroethane	1.587	64	45323	4.982	ug/L	99
9) Trichlorofluoromethane	1.754	101	101888	4.993	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	55794	5.043	ug/L	99
12) 1,1-Dichloroethene	2.117	96	54905	5.051	ug/L	92
13) Acetone	2.188	43	49209m	45.192	ug/L	
14) Carbon disulfide	2.294	76	193474	4.974	ug/L	99
15) Methyl Acetate	2.445	43	15023	5.036	ug/L #	89
16) Methylene chloride	2.506	84	66835	5.074	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	118384	5.000	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	65266	4.989	ug/L	98
19) 1,1-Dichloroethane	3.188	63	109902	4.936	ug/L	100
21) 2-Butanone	3.982	43	85840m	49.948	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	68031	5.151	ug/L	99
23) Bromochloromethane	4.249	128	25530	4.903	ug/L	96
25) Chloroform	4.371	83	115877	4.999	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	57158	4.959	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	102123	5.020	ug/L	100
30) Cyclohexane	4.674	56	99229	5.013	ug/L	99
31) Carbon tetrachloride	4.825	117	86662	4.965	ug/L	99
33) Benzene	5.098	78	259236	4.996	ug/L	100
34) Trichloroethene	5.911	95	69568	5.036	ug/L	98
35) Methylcyclohexane	6.127	83	109178	4.992	ug/L	98
37) 1,2-Dichloropropane	6.172	63	60004	5.032	ug/L	100
38) Bromodichloromethane	6.506	83	74126	4.916	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	83528	5.045	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	252658	51.498	ug/L	96
42) Toluene	7.384	91	276939	5.100	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	65847	5.055	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	39765	4.993	ug/L	99
47) Tetrachloroethene	7.972	164	47672	4.905	ug/L	97
48) 2-Hexanone	8.136	43	173307	49.826	ug/L	97
49) Dibromochloromethane	8.243	129	45305	5.082	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36743	5.041	ug/L	99
51) Chlorobenzene	8.879	112	170596	5.017	ug/L	99
52) Ethylbenzene	9.011	91	290875	5.064	ug/L	98
53) m,p-xylene	9.136	106	112066	5.066	ug/L	100
54) o-xylene	9.541	106	108661	5.137	ug/L	96
55) Styrene	9.558	104	180889	5.251	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41201	5.277	ug/L	99
59) Bromoform	9.731	173	19913	4.892	ug/L	97
60) Isopropylbenzene	9.927	105	291746	5.119	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31521	4.959	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	132757	5.133	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	241196	5.266	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	124465	5.034	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	121714	4.883	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111518	5.090	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5296	4.860	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	86672	4.963	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	67900	4.990	ug/L	98
71) Naphthalene	13.500	128	116308	5.147	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59250	5.139	ug/L	98

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

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