

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024179.D
 Acq On : 27 Dec 2021 14:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

Quant Time: Dec 28 05:50:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	105422	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	108038	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40965	5.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.400%		
7) Chloroethane-d5	1.567	69	34760	5.256	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.111	63	97722	5.071	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.400%		
20) 2-Butanone-d5	3.911	46	49857m	56.604	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 113.200%		
24) Chloroform-d	4.346	84	88113	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
26) 1,2-Dichloroethane-d4	5.034	65	40163	5.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.050	84	160162	5.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.800%		
36) 1,2-Dichloropropane-d6	6.069	67	42349	5.299	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.313	98	158364	5.507	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.200%		
43) trans-1,3-Dichloroprop...	7.622	79	18085	5.344	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.800%		
46) 2-Hexanone-d5	8.091	63	64689	56.853	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 113.700%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29671	5.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	60508	5.355	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	116017	4.761	ug/L	99
3) Chloromethane	1.240	50	88030	4.780	ug/L	96
5) Vinyl chloride	1.310	62	90904	4.823	ug/L	99
6) Bromomethane	1.522	94	60971	5.071	ug/L	99
8) Chloroethane	1.584	64	53129	4.849	ug/L	97
9) Trichlorofluoromethane	1.754	101	144405	4.714	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	69586	4.733	ug/L	98
12) 1,1-Dichloroethene	2.117	96	68843	4.756	ug/L	95
13) Acetone	2.207	43	55689m	44.549	ug/L	
14) Carbon disulfide	2.294	76	223392	4.776	ug/L	99
15) Methyl Acetate	2.442	43	16012	5.159	ug/L	95
16) Methylene chloride	2.506	84	76844	4.967	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	146511	5.006	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	74332	4.835	ug/L	97
19) 1,1-Dichloroethane	3.188	63	123583	4.829	ug/L	99
21) 2-Butanone	3.992	43	75585	45.956	ug/L	93
22) cis-1,2-Dichloroethene	3.911	96	76414	5.023	ug/L	96
23) Bromochloromethane	4.246	128	35644	4.903	ug/L	89
25) Chloroform	4.371	83	137763	4.818	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	78954	4.933	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	131921	4.842	ug/L	99
30) Cyclohexane	4.677	56	98251	4.848	ug/L	95
31) Carbon tetrachloride	4.828	117	118040	4.671	ug/L	98
33) Benzene	5.098	78	279888	4.938	ug/L	100
34) Trichloroethene	5.911	95	76495	4.783	ug/L	98
35) Methylcyclohexane	6.130	83	111539	4.816	ug/L	97
37) 1,2-Dichloropropane	6.172	63	62973	4.819	ug/L	100
38) Bromodichloromethane	6.506	83	92285	4.928	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	94423	4.984	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	329007	52.672	ug/L	97
42) Toluene	7.387	91	319237	5.047	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	84522	5.224	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	48215	4.977	ug/L	99
47) Tetrachloroethene	7.972	164	66860	4.698	ug/L	96
48) 2-Hexanone	8.140	43	233103	50.990	ug/L	97
49) Dibromochloromethane	8.246	129	64509	4.950	ug/L	99
50) 1,2-Dibromoethane	8.352	107	46778	5.081	ug/L	91
51) Chlorobenzene	8.879	112	203198	4.849	ug/L	98
52) Ethylbenzene	9.011	91	324234	4.822	ug/L	100
53) m,p-xylene	9.136	106	129896	4.870	ug/L	99
54) o-xylene	9.541	106	127874	5.006	ug/L	99
55) Styrene	9.558	104	218451	5.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	47122	5.019	ug/L	98
59) Bromoform	9.731	173	35477	5.065	ug/L	96
60) Isopropylbenzene	9.931	105	335364	4.881	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38154	4.961	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	285508	4.928	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	294278	4.983	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	171165	4.807	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	170062	4.820	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	154477	4.793	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7882	4.752	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	135830	4.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	109367	5.009	ug/L	99
71) Naphthalene	13.499	128	162901	5.025	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	97101	5.057	ug/L	99

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

