

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023003.D
 Acq On : 23 Oct 2021 11:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Quant Time: Oct 25 00:59:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	138823	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	134268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50901	4.196	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.571	69	35937	4.789	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.111	63	71752	4.100	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	3.947	46	101370	52.093	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.180%	
24) Chloroform-d	4.346	84	96070	4.872	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.040	65	42015	4.520	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.047	84	187131	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.088	67	56989	4.723	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.326	98	177087	5.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...	7.635	79	20144	4.764	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.104	63	71429	45.631	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.260%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	38090	4.571	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	58719	4.476	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	42153	4.786	ug/L	98
3) Chloromethane	1.240	50	44435	4.668	ug/L	96
5) Vinyl chloride	1.310	62	46619	4.742	ug/L	100
6) Bromomethane	1.526	94	25772	5.188	ug/L	96
8) Chloroethane	1.590	64	26970	5.246	ug/L	98
9) Trichlorofluoromethane	1.757	101	67030	5.052	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	34932	4.617	ug/L	99
12) 1,1-Dichloroethene	2.121	96	30201	4.249	ug/L	95
13) Acetone	2.227	43	55263m	57.885	ug/L	
14) Carbon disulfide	2.294	76	95621	4.940	ug/L	99
15) Methyl Acetate	2.458	43	17718	4.879	ug/L #	83
16) Methylene chloride	2.510	84	41581	5.327	ug/L	91
17) Methyl tert-butyl Ether	2.783	73	87672	5.167	ug/L	95
18) trans-1,2-Dichloroethene	2.754	96	41362	5.451	ug/L	94
19) 1,1-Dichloroethane	3.182	63	76799	5.509	ug/L	99
21) 2-Butanone	4.034	43	99798	53.396	ug/L #	72
22) cis-1,2-Dichloroethene	3.902	96	45135	5.246	ug/L #	96
23) Bromochloromethane	4.243	128	21343	5.465	ug/L	93
25) Chloroform	4.371	83	88706	4.815	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	44077	4.537	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	73452	4.841	ug/L	99
30) Cyclohexane	4.661	56	61056	4.609	ug/L	99
31) Carbon tetrachloride	4.815	117	64941	4.974	ug/L	96
33) Benzene	5.095	78	178278	4.934	ug/L	100
34) Trichloroethene	5.918	95	45266	4.987	ug/L	99
35) Methylcyclohexane	6.140	83	63468	4.883	ug/L	99
37) 1,2-Dichloropropane	6.194	63	43021	4.724	ug/L	98
38) Bromodichloromethane	6.526	83	54631	4.863	ug/L	99
39) cis-1,3-Dichloropropene	7.040	75	54617	4.816	ug/L	98
40) 4-Methyl-2-pentanone	7.249	43	212221	49.499	ug/L	99
42) Toluene	7.397	91	191234	5.223	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	46482	4.955	ug/L	99
45) 1,1,2-Trichloroethane	7.850	97	30958	4.859	ug/L	97
47) Tetrachloroethene	7.982	164	38440	5.013	ug/L	96
48) 2-Hexanone	8.156	43	160980	50.580	ug/L	98
49) Dibromochloromethane	8.255	129	37059	4.889	ug/L	96
50) 1,2-Dibromoethane	8.362	107	28236	4.923	ug/L	96
51) Chlorobenzene	8.886	112	117778	4.897	ug/L	98
52) Ethylbenzene	9.017	91	181681	4.999	ug/L	99
53) m,p-xylene	9.143	106	73346	5.032	ug/L	99
54) o-xylene	9.548	106	68152	4.967	ug/L	99
55) Styrene	9.564	104	121169	5.114	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	33418	4.693	ug/L	100
59) Bromoform	9.734	173	19571	4.568	ug/L	98
60) Isopropylbenzene	9.934	105	182088	4.897	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23119	4.468	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	141115	4.725	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	145799	4.891	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97185	4.967	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	94141	4.736	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	86409	4.744	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4478	4.386	ug/L	85
69) 1,3,5-Trichlorobenzene	12.648	180	68910	4.625	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	52411	4.701	ug/L	100
71) Naphthalene	13.503	128	78200	4.613	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50015	4.832	ug/L	100

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

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