

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026046.D
 Acq On : 09 Jun 2022 09:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/10/2022
 Supervised By :Mahesh Dadoda 06/13/2022

Quant Time: Jun 10 02:42:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	173273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	51240	5.038	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.580	69	54528	5.128	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.600%		
11) 1,1-Dichloroethene-d2	2.121	63	113850	4.846	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.000%		
20) 2-Butanone-d5	3.911	46	67124	44.619	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 89.240%		
24) Chloroform-d	4.358	84	111516	5.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	5.040	65	45375	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
32) Benzene-d6	5.056	84	203213	5.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
36) 1,2-Dichloropropane-d6	6.072	67	62824	5.111	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.200%		
41) Toluene-d8	7.316	98	181333	5.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
43) trans-1,3-Dichloroprop...	7.625	79	15454	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 85.400%		
46) 2-Hexanone-d5	8.091	63	68246	42.850	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 85.700%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	39994	4.825	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	58631	4.792	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 95.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.143	85	77678	4.555	ug/L	100
3) Chloromethane	1.252	50	100946	5.286	ug/L	98
5) Vinyl chloride	1.323	62	95212	4.775	ug/L	97
6) Bromomethane	1.535	94	55616	4.812	ug/L	99
8) Chloroethane	1.596	64	62262	5.077	ug/L	99
9) Trichlorofluoromethane	1.764	101	117585	4.626	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	61512	4.247	ug/L	98
12) 1,1-Dichloroethene	2.130	96	66133	4.744	ug/L	97
13) Acetone	2.195	43	60156m	50.139	ug/L	
14) Carbon disulfide	2.304	76	174966	4.400	ug/L	100
15) Methyl Acetate	2.449	43	19633m	5.007	ug/L	
16) Methylene chloride	2.516	84	66683	4.802	ug/L	97
17) Methyl tert-butyl Ether	2.780	73	106728	4.717	ug/L	100
18) trans-1,2-Dichloroethene	2.770	96	60835	4.628	ug/L	99
19) 1,1-Dichloroethane	3.201	63	119418	4.995	ug/L	99
21) 2-Butanone	3.992	43	70404m	45.049	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	61994	4.785	ug/L	95
23) Bromochloromethane	4.259	128	26392	4.846	ug/L	96
25) Chloroform	4.381	83	122384	4.987	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	58315	4.806	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	101653	4.711	ug/L	99
30) Cyclohexane	4.683	56	77298	4.119	ug/L	96
31) Carbon tetrachloride	4.831	117	83616	4.719	ug/L	98
33) Benzene	5.104	78	253679	4.909	ug/L	100
34) Trichloroethene	5.918	95	61054	4.522	ug/L	97
35) Methylcyclohexane	6.133	83	79795	3.834	ug/L	99
37) 1,2-Dichloropropane	6.175	63	59745	4.771	ug/L	99
38) Bromodichloromethane	6.513	83	74401	4.918	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	61532	3.987	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	251348	49.130	ug/L	99
42) Toluene	7.387	91	259501	4.806	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	50744	4.197	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	40903	5.030	ug/L	98
47) Tetrachloroethene	7.976	164	44779	4.285	ug/L	98
48) 2-Hexanone	8.140	43	179099	49.319	ug/L	99
49) Dibromochloromethane	8.246	129	42633	4.802	ug/L	98
50) 1,2-Dibromoethane	8.352	107	34930	4.827	ug/L	98
51) Chlorobenzene	8.879	112	153402	4.365	ug/L	97
52) Ethylbenzene	9.011	91	243838	4.309	ug/L	99
53) m,p-Xylene	9.136	106	96421	4.408	ug/L	96
54) o-Xylene	9.541	106	90807	4.367	ug/L	97
55) Styrene	9.561	104	157170	4.512	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	37967	4.361	ug/L	96
59) Bromoform	9.731	173	18417	4.909	ug/L	99
60) Isopropylbenzene	9.931	105	237970	4.477	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30963	4.960	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	176093	4.184	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	176072	4.201	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	111719	4.425	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	111247	4.327	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	98447	4.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5008	4.514	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	72116	3.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	50655	3.716	ug/L	97
71) Naphthalene	13.500	128	72127	3.724	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	44383	3.847	ug/L	98

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

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