

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040122\
 Data File : VW025337.D
 Acq On : 01 Apr 2022 09:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 00:21:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 01 01:30:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	182886	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	88366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	82940	4.855	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	70026	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.108	63	181353	4.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.905	46	80755	47.456	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.920%
24) Chloroform-d	4.342	84	114713	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.030	65	48073	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.046	84	216474	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.066	67	59899	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.310	98	199576	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.619	79	20857	5.202	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.088	63	71159	49.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.280%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	40822	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67233	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	98199	5.376	ug/L	100
3) Chloromethane	1.240	50	115979	5.383	ug/L	99
5) Vinyl chloride	1.310	62	125772	5.226	ug/L	98
6) Bromomethane	1.523	94	76015	5.321	ug/L	98
8) Chloroethane	1.584	64	80415	5.325	ug/L	96
9) Trichlorofluoromethane	1.754	101	176468	5.425	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	104364	5.401	ug/L	99
12) 1,1-Dichloroethene	2.117	96	100134	5.438	ug/L	95
13) Acetone	2.211	43	75934m	58.478	ug/L	
14) Carbon disulfide	2.291	76	209598	5.495	ug/L	98
15) Methyl Acetate	2.445	43	15364	5.197	ug/L #	85
16) Methylene chloride	2.506	84	73716	5.099	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	127767	5.485	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	72082	5.454	ug/L	96
19) 1,1-Dichloroethane	3.188	63	124464	5.642	ug/L	98
21) 2-Butanone	3.992	43	96802	54.178	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	74459	5.546	ug/L	95
23) Bromochloromethane	4.246	128	32685	5.836	ug/L	97
25) Chloroform	4.371	83	135350	5.529	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69350	5.486	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	119739	5.713	ug/L	100
30) Cyclohexane	4.673	56	95998	5.121	ug/L	97
31) Carbon tetrachloride	4.821	117	106118	5.849	ug/L	99
33) Benzene	5.095	78	285961	5.624	ug/L	100
34) Trichloroethene	5.908	95	76393	5.472	ug/L	98
35) Methylcyclohexane	6.127	83	113997	5.211	ug/L	99
37) 1,2-Dichloropropane	6.169	63	66847	5.668	ug/L	99
38) Bromodichloromethane	6.506	83	87869	5.881	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	85915	5.617	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	276848	58.787	ug/L	99
42) Toluene	7.384	91	318180	5.862	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	67880	5.646	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	47015	5.822	ug/L	99
47) Tetrachloroethene	7.972	164	58635	5.695	ug/L	98
48) 2-Hexanone	8.136	43	197312	58.581	ug/L	99
49) Dibromochloromethane	8.242	129	53013	6.100	ug/L	98
50) 1,2-Dibromoethane	8.349	107	42172	5.605	ug/L #	99
51) Chlorobenzene	8.879	112	197265	5.627	ug/L	100
52) Ethylbenzene	9.008	91	327112	5.682	ug/L	99
53) m,p-Xylene	9.136	106	133134	5.946	ug/L	99
54) o-Xylene	9.541	106	124464	5.815	ug/L	98
55) Styrene	9.558	104	212792	6.046	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	47650	5.660	ug/L	97
59) Bromoform	9.728	173	23326	6.458	ug/L	99
60) Isopropylbenzene	9.927	105	333120	5.684	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36121	5.402	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	138650	5.276	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	263571	5.622	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	153759	5.602	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	152440	5.546	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	136655	5.658	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6564	5.483	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.641	180	108180	5.464	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	80169	5.366	ug/L	98
71) Naphthalene	13.500	128	114914	4.936	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	68297	5.306	ug/L	99

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

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