

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026271.D
 Acq On : 15 Jun 2022 12:10
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV272

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 01:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:22:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	218544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	203895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	92876	4.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.574	69	71939	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.114	63	157725	4.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.905	46	93721	50.600	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.200%
24) Chloroform-d	4.352	84	140085	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.034	65	58282	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.050	84	287323	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.069	67	81532	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.313	98	270518	5.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	7.622	79	27926	5.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.200%
46) 2-Hexanone-d5	8.088	63	85580	54.916	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50784	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	86147	5.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	82795	5.067	ug/L	99
3) Chloromethane	1.246	50	86860	4.787	ug/L	98
5) Vinyl chloride	1.317	62	91998	4.877	ug/L	100
6) Bromomethane	1.529	94	51744	4.908	ug/L	98
8) Chloroethane	1.590	64	57776	4.933	ug/L	95
9) Trichlorofluoromethane	1.760	101	127590	4.900	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	75271	4.984	ug/L	99
12) 1,1-Dichloroethene	2.124	96	68108	4.933	ug/L	97
13) Acetone	2.195	43	71400m	49.742	ug/L	
14) Carbon disulfide	2.297	76	171577	5.040	ug/L	98
15) Methyl Acetate	2.449	43	17528	5.089	ug/L	97
16) Methylene chloride	2.513	84	73332	4.163	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	125802	5.299	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	68393	5.108	ug/L	98
19) 1,1-Dichloroethane	3.194	63	127149	4.979	ug/L	97
21) 2-Butanone	3.992	43	81717	43.997	ug/L #	70
22) cis-1,2-Dichloroethene	3.915	96	71225	5.257	ug/L	98
23) Bromochloromethane	4.252	128	30072	5.231	ug/L	95
25) Chloroform	4.378	83	134362	4.850	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	63676	5.050	ug/L	96
29) 1,1,1-Trichloroethane	4.612	97	115805	5.140	ug/L	100
30) Cyclohexane	4.677	56	90898	5.394	ug/L	98
31) Carbon tetrachloride	4.828	117	96410	5.053	ug/L	98
33) Benzene	5.101	78	279719	5.351	ug/L	100
34) Trichloroethene	5.911	95	70468	4.938	ug/L	96
35) Methylcyclohexane	6.130	83	105473	5.343	ug/L	97
37) 1,2-Dichloropropane	6.172	63	66750	4.882	ug/L	98
38) Bromodichloromethane	6.509	83	82515	4.976	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	86073	5.516	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	284434	56.579	ug/L	98
42) Toluene	7.387	91	303420	5.519	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	70842	5.685	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	45901	5.115	ug/L	95
47) Tetrachloroethene	7.972	164	55903	5.288	ug/L	97
48) 2-Hexanone	8.140	43	206308	57.279	ug/L	100
49) Dibromochloromethane	8.246	129	51837	5.216	ug/L	99
50) 1,2-Dibromoethane	8.352	107	40992	5.360	ug/L	94
51) Chlorobenzene	8.879	112	189821	5.288	ug/L	100
52) Ethylbenzene	9.011	91	302857	5.495	ug/L	100
53) m,p-Xylene	9.136	106	117865	5.486	ug/L	96
54) o-Xylene	9.541	106	114150	5.485	ug/L	97
55) Styrene	9.558	104	200152	5.727	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	47910	5.263	ug/L	98
59) Bromoform	9.731	173	24584	5.366	ug/L	99
60) Isopropylbenzene	9.931	105	306391	5.508	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35574	5.254	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	236277	5.353	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	238425	5.458	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	150515	5.507	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	148180	5.335	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	131965	5.451	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6066	5.058	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	108888	5.510	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	82863	5.685	ug/L	97
71) Naphthalene	13.500	128	118726	5.867	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	71682	5.874	ug/L	99

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

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