

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024995.D
 Acq On : 15 Mar 2022 13:51
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV224

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 03:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:13:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	174620	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65828	4.775	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.564	69	49639	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.105	63	109252	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.902	46	77304	46.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.342	84	114273	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.027	65	47115	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.043	84	237388	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.066	67	67194	5.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.310	98	215928	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.619	79	23329	5.147	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.088	63	83469	53.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39831	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	66582	5.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	76717	4.972	ug/L	99
3) Chloromethane	1.240	50	68474	4.706	ug/L	99
5) Vinyl chloride	1.307	62	75768	4.935	ug/L	97
6) Bromomethane	1.519	94	47146	4.752	ug/L	100
8) Chloroethane	1.580	64	43552	4.678	ug/L	97
9) Trichlorofluoromethane	1.751	101	101534	4.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	55962	4.943	ug/L	100
12) 1,1-Dichloroethene	2.114	96	53241	4.786	ug/L	98
13) Acetone	2.191	43	55486m	49.796	ug/L	
14) Carbon disulfide	2.288	76	198705	4.992	ug/L	100
15) Methyl Acetate	2.439	43	14708	4.818	ug/L	92
16) Methylene chloride	2.503	84	65866	4.886	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	123210	5.085	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	66726	4.984	ug/L	99
19) 1,1-Dichloroethane	3.185	63	112276	4.928	ug/L	98
21) 2-Butanone	3.982	43	86418	49.138	ug/L	81
22) cis-1,2-Dichloroethene	3.905	96	69050	5.109	ug/L	99
23) Bromochloromethane	4.243	128	26236	4.924	ug/L	97
25) Chloroform	4.368	83	113918	4.802	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58323	4.944	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	102019	5.133	ug/L	100
30) Cyclohexane	4.670	56	102492	5.300	ug/L	99
31) Carbon tetrachloride	4.821	117	88575	5.194	ug/L	99
33) Benzene	5.092	78	261676	5.162	ug/L	100
34) Trichloroethene	5.908	95	69575	5.155	ug/L	98
35) Methylcyclohexane	6.124	83	114784	5.372	ug/L	99
37) 1,2-Dichloropropane	6.169	63	60323	5.178	ug/L #	94
38) Bromodichloromethane	6.506	83	75301	5.111	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	84915	5.250	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	254091	53.006	ug/L	97
42) Toluene	7.384	91	278653	5.252	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	67087	5.271	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	39471	5.073	ug/L	98
47) Tetrachloroethene	7.972	164	49569	5.220	ug/L	95
48) 2-Hexanone	8.136	43	170967	50.307	ug/L	96
49) Dibromochloromethane	8.243	129	45398	5.212	ug/L	96
50) 1,2-Dibromoethane	8.349	107	36855	5.176	ug/L	99
51) Chlorobenzene	8.879	112	171568	5.164	ug/L	99
52) Ethylbenzene	9.008	91	296102	5.276	ug/L	98
53) m,p-xylene	9.133	106	113615	5.257	ug/L	98
54) o-xylene	9.542	106	108840	5.266	ug/L	97
55) Styrene	9.558	104	178763	5.311	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	38952	5.106	ug/L	93
59) Bromoform	9.731	173	19844	5.015	ug/L	99
60) Isopropylbenzene	9.927	105	292169	5.274	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31537	5.104	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	133074	5.293	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	240952	5.412	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	122589	5.101	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	121799	5.028	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	110456	5.187	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	5369	5.069	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	87040	5.127	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	68277	5.162	ug/L	99
71) Naphthalene	13.500	128	120825	5.501	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58853	5.251	ug/L	100

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

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