

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028551.D
 Acq On : 14 Oct 2022 15:59
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV263

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 15 02:31:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:24:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.596	114	269265	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	203360	5.000	ug/L	-0.01
58) 1,4-Dichlorobenzene-d4	11.242	152	98508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	108022	4.661	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.561	69	91713	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.101	63	192036	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.953	46	278429	55.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.780%
24) Chloroform-d	4.333	84	181775	5.123	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.021	65	95830	5.181	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.027	84	355364	5.412	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.050	67	117850m	5.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.300	98	252167	4.847	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.612	79	33540	4.685	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.107	63	149906	48.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.040%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	61057	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	79911	4.916	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	68273	4.489	ug/L	100
3) Chloromethane	1.230	50	119590	4.698	ug/L	99
5) Vinyl chloride	1.301	62	120217	4.849	ug/L	99
6) Bromomethane	1.513	94	53821	4.821	ug/L	98
8) Chloroethane	1.577	64	75266	4.680	ug/L	98
9) Trichlorofluoromethane	1.744	101	141910	4.683	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	82788	4.634	ug/L	99
12) 1,1-Dichloroethene	2.111	96	78288	4.676	ug/L	98
13) Acetone	2.246	43	151004	43.165	ug/L	98
14) Carbon disulfide	2.285	76	224889	4.797	ug/L	99
15) Methyl Acetate	2.455	43	41875m	5.059	ug/L	
16) Methylene chloride	2.500	84	118244	5.007	ug/L	96
17) Methyl tert-butyl Ether	2.776	73	213749	5.026	ug/L	99
18) trans-1,2-Dichloroethene	2.748	96	87606	5.017	ug/L	99
19) 1,1-Dichloroethane	3.175	63	197340	5.022	ug/L	99
21) 2-Butanone	4.037	43	266176	53.122	ug/L	98
22) cis-1,2-Dichloroethene	3.895	96	98560	4.993	ug/L #	99
23) Bromochloromethane	4.230	128	35070	4.633	ug/L	97
25) Chloroform	4.358	83	183486	4.927	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	112926	5.094	ug/L	99
29) 1,1,1-Trichloroethane	4.583	97	151935	5.405	ug/L	98
30) Cyclohexane	4.645	56	178324	5.494	ug/L	99
31) Carbon tetrachloride	4.799	117	120537	5.454	ug/L	99
33) Benzene	5.075	78	386763	5.382	ug/L	100
34) Trichloroethene	5.882	95	94510	5.507	ug/L	92
35) Methylcyclohexane	6.091	83	160220m	5.607	ug/L	
37) 1,2-Dichloropropane	6.153	63	101212	5.535	ug/L	100
38) Bromodichloromethane	6.490	83	105285	5.048	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	112390	4.613	ug/L	99
40) 4-Methyl-2-pentanone	7.246	43	472470	47.444	ug/L	99
42) Toluene	7.371	91	323910	4.804	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	88404	4.732	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	48712	4.792	ug/L	99
47) Tetrachloroethene	7.966	164	52723	4.720	ug/L	99
48) 2-Hexanone	8.159	43	318763	46.276	ug/L	99
49) Dibromochloromethane	8.246	129	50595	4.666	ug/L	99
50) 1,2-Dibromoethane	8.352	107	41844	4.674	ug/L	96
51) Chlorobenzene	8.876	112	198848	4.757	ug/L	99
52) Ethylbenzene	9.005	91	357567	4.774	ug/L	98
53) m,p-Xylene	9.130	106	132878	4.743	ug/L	97
54) o-Xylene	9.535	106	132420	4.877	ug/L	97
55) Styrene	9.554	104	224461	4.887	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	58064	4.648	ug/L	99
59) Bromoform	9.725	173	22974	4.632	ug/L	99
60) Isopropylbenzene	9.924	105	355550	4.945	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	41440	4.708	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	106528	4.925	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	293218	4.957	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	146389	4.826	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	143011	4.810	ug/L	95
67) 1,2-Dichlorobenzene	11.635	146	131120	4.818	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	8174	4.473	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	105216	4.742	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	77967	4.613	ug/L	97
71) Naphthalene	13.493	128	117496	4.639	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	66054	4.742	ug/L	99

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

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