

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025789.D
 Acq On : 03 May 2022 13:42
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV242

Quant Time: May 04 05:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:56:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169453	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	171691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	95443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	88758	4.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.571	69	78978	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.114	63	174846	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	3.896	46	128282	50.467	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.940%
24) Chloroform-d	4.352	84	139058	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.037	65	60546	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.050	84	278610	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.069	67	81568	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	255122	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.622	79	27242	5.307	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.088	63	108113	54.040	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51211	5.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	82466	4.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	101747	5.100	ug/L	99
3) Chloromethane	1.243	50	118050	5.082	ug/L	98
5) Vinyl chloride	1.314	62	119603	5.158	ug/L	99
6) Bromomethane	1.526	94	66527	5.269	ug/L	99
8) Chloroethane	1.587	64	76465	5.125	ug/L	100
9) Trichlorofluoromethane	1.757	101	162392	5.146	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	86001	5.053	ug/L	99
12) 1,1-Dichloroethene	2.121	96	85497	5.235	ug/L	92
13) Acetone	2.191	43	87435	52.264	ug/L	94
14) Carbon disulfide	2.298	76	228328	5.407	ug/L	100
15) Methyl Acetate	2.442	43	21983	5.489	ug/L #	84
16) Methylene chloride	2.510	84	76072	4.802	ug/L	93
17) Methyl tert-butyl Ether	2.773	73	133772	5.388	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	76032	5.285	ug/L	96
19) 1,1-Dichloroethane	3.191	63	136449	5.318	ug/L	98
21) 2-Butanone	3.986	43	125618	56.118	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	77500	5.262	ug/L	94
23) Bromochloromethane	4.252	128	32146	5.338	ug/L	90
25) Chloroform	4.375	83	139340	5.202	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	74732	5.146	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	123358	5.305	ug/L	99
30) Cyclohexane	4.680	56	115812	5.506	ug/L	95
31) Carbon tetrachloride	4.828	117	106067	5.343	ug/L	99
33) Benzene	5.101	78	312994	5.439	ug/L	100
34) Trichloroethene	5.915	95	80092	5.290	ug/L	100
35) Methylcyclohexane	6.130	83	129423	5.548	ug/L	96
37) 1,2-Dichloropropane	6.175	63	74402	5.322	ug/L	100
38) Bromodichloromethane	6.510	83	91029	5.252	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	95459	5.573	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	331568	57.087	ug/L	95
42) Toluene	7.387	91	336639	5.509	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	76991	5.637	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	48249	5.409	ug/L	96
47) Tetrachloroethene	7.976	164	64336	4.978	ug/L	97
48) 2-Hexanone	8.140	43	233475	56.999	ug/L	96
49) Dibromochloromethane	8.246	129	52549	5.339	ug/L	99
50) 1,2-Dibromoethane	8.352	107	41953	5.331	ug/L	94
51) Chlorobenzene	8.879	112	210421	5.413	ug/L	97
52) Ethylbenzene	9.011	91	352901	5.574	ug/L	100
53) m,p-Xylene	9.137	106	138153	5.554	ug/L	96
54) o-Xylene	9.542	106	131122	5.558	ug/L	99
55) Styrene	9.558	104	222485	5.709	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	48961	5.155	ug/L	100
59) Bromoform	9.731	173	22666	5.050	ug/L	99
60) Isopropylbenzene	9.931	105	353640	5.505	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	38045	4.981	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	150250	5.443	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	280029	5.550	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	158507	5.362	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	157437	5.217	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	140059	5.307	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7352	5.159	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	116912	5.269	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	86495	5.222	ug/L	99
71) Naphthalene	13.500	128	126473	5.378	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	73165	5.420	ug/L	97

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

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