

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032678.D
 Acq On : 27 Oct 2023 12:32
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV209

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/30/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 28 00:11:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:03:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	155257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	169758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64421	5.052	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.532	69	55978	5.166	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.056	65	27355	4.779	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	3.831	46	125177	45.461	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.920%	
24) Chloroform-d	4.252	84	108411	5.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	4.950	65	55114	5.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	4.963	84	215195	5.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
36) 1,2-Dichloropropane-d6	5.992	67	62277	5.321	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.246	98	224258	5.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
43) trans-1,3-Dichloroprop...	7.558	79	26975	5.223	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.400%	
46) 2-Hexanone-d5	8.030	63	115221	56.296	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.600%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	55551	5.338	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	77176	5.355	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	78488	4.925	ug/L	100
3) Chloromethane	1.214	50	91340	4.858	ug/L	98
5) Vinyl chloride	1.281	62	93629	5.018	ug/L	98
6) Bromomethane	1.487	94	52577	4.829	ug/L	100
8) Chloroethane	1.548	64	59396	4.868	ug/L	99
9) Trichlorofluoromethane	1.712	101	122896	4.893	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	70631	4.768	ug/L	97
12) 1,1-Dichloroethene	2.069	96	67495	4.864	ug/L	94
13) Acetone	2.153	43	132796m	48.853	ug/L	
14) Carbon disulfide	2.236	76	220801	5.023	ug/L	99
15) Methyl Acetate	2.394	43	25287	4.645	ug/L #	81
16) Methylene chloride	2.445	84	85363	4.998	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	154420	5.155	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	67588	4.926	ug/L	89
19) 1,1-Dichloroethane	3.111	63	120386	4.948	ug/L	99
21) 2-Butanone	3.912	43	170446	47.428	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	70731	5.084	ug/L	93
23) Bromochloromethane	4.150	128	32443	5.013	ug/L	97
25) Chloroform	4.281	83	127267	4.812	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	79981	4.865	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	109210	4.987	ug/L	99
30) Cyclohexane	4.580	56	96678	5.239	ug/L	99
31) Carbon tetrachloride	4.738	117	95617	5.019	ug/L	97
33) Benzene	5.011	78	275024	5.140	ug/L	100
34) Trichloroethene	5.834	95	70206	4.911	ug/L	98
35) Methylcyclohexane	6.050	83	100702	4.714	ug/L	91
37) 1,2-Dichloropropane	6.095	63	64913	5.028	ug/L	98
38) Bromodichloromethane	6.436	83	86767	4.549	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	106857	5.436	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	461067	55.342	ug/L	99
42) Toluene	7.317	91	330678	5.319	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	90850	5.371	ug/L	94
45) 1,1,2-Trichloroethane	7.773	97	54605	5.007	ug/L	99
47) Tetrachloroethene	7.908	164	62683	4.962	ug/L	97
48) 2-Hexanone	8.082	43	333819	54.783	ug/L	99
49) Dibromochloromethane	8.178	129	65865	5.092	ug/L	98
50) 1,2-Dibromoethane	8.284	107	51955	5.105	ug/L #	97
51) Chlorobenzene	8.815	112	207575	5.054	ug/L	99
52) Ethylbenzene	8.950	91	348754	5.336	ug/L	99
53) m,p-Xylene	9.075	106	131119	5.298	ug/L	96
54) o-Xylene	9.480	106	129257	5.385	ug/L	95
55) Styrene	9.500	104	224326	5.640	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	66314	5.213	ug/L	98
59) Bromoform	9.667	173	36264	5.237	ug/L	99
60) Isopropylbenzene	9.870	105	324685	5.421	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	45338	4.858	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	262964	5.371	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	266309	5.504	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	168469	5.242	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	165856	5.199	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	156130	5.282	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	10557	4.733	ug/L	90
69) 1,3,5-Trichlorobenzene	12.586	180	118593	5.170	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	103726	5.329	ug/L	99
71) Naphthalene	13.442	128	192289	6.233	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	100655	5.881	ug/L	99

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

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