

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029005.D
 Acq On : 16 Nov 2022 10:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 02:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	278966	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	259488	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	133608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	77539	4.559	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.565	69	60674	4.058	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.200%	
11) 1,1-Dichloroethene-d2	2.105	63	141953	4.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.896	46	120891m	42.464	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.920%	
24) Chloroform-d	4.339	84	169067	4.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.027	65	72845	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.043	84	350707	4.528	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.063	67	94834	4.385	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.307	98	343148	4.922	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
43) trans-1,3-Dichloroprop...	7.619	79	33639	4.769	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.085	63	149657	49.704	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.400%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69409	4.629	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	123751	5.177	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	117721	5.062	ug/L	98
3) Chloromethane	1.237	50	88776	4.600	ug/L	99
5) Vinyl chloride	1.307	62	103128	4.684	ug/L	93
6) Bromomethane	1.520	94	61452	4.670	ug/L	97
8) Chloroethane	1.581	64	67110	5.188	ug/L	90
9) Trichlorofluoromethane	1.751	101	157545	5.307	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	88473	5.264	ug/L	95
12) 1,1-Dichloroethene	2.114	96	88148	5.220	ug/L	96
13) Acetone	2.188	43	84831m	46.322	ug/L	
14) Carbon disulfide	2.291	76	300212	5.006	ug/L	99
15) Methyl Acetate	2.436	43	20172	4.539	ug/L	96
16) Methylene chloride	2.500	84	106376	4.872	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	190371	5.258	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	104704	5.346	ug/L	93
19) 1,1-Dichloroethane	3.182	63	166508	5.200	ug/L	99
21) 2-Butanone	3.979	43	138252m	48.761	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	107999	5.424	ug/L	95
23) Bromochloromethane	4.240	128	45477	5.400	ug/L	93
25) Chloroform	4.365	83	176569	5.260	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	89167	5.158	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	156602	5.143	ug/L	98
30) Cyclohexane	4.671	56	154830	5.003	ug/L	99
31) Carbon tetrachloride	4.818	117	135069	5.151	ug/L	99
33) Benzene	5.092	78	406869	5.131	ug/L	100
34) Trichloroethene	5.908	95	105070	5.176	ug/L	99
35) Methylcyclohexane	6.124	83	185741	5.206	ug/L	97
37) 1,2-Dichloropropane	6.166	63	88943	4.864	ug/L	98
38) Bromodichloromethane	6.503	83	115301	4.979	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	125826	4.929	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	414899	52.737	ug/L	99
42) Toluene	7.381	91	452397	5.281	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	94833	4.785	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	68710	5.740	ug/L	97
47) Tetrachloroethene	7.969	164	91635	5.637	ug/L	99
48) 2-Hexanone	8.137	43	298506	54.166	ug/L	98
49) Dibromochloromethane	8.240	129	74481	5.147	ug/L	99
50) 1,2-Dibromoethane	8.346	107	61995	5.575	ug/L	96
51) Chlorobenzene	8.876	112	287942	5.436	ug/L	98
52) Ethylbenzene	9.005	91	460724	5.166	ug/L	98
53) m,p-Xylene	9.130	106	184184	5.193	ug/L	98
54) o-Xylene	9.535	106	179452	5.322	ug/L	100
55) Styrene	9.551	104	297120	5.254	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	71207	5.104	ug/L	96
59) Bromoform	9.725	173	36805	5.053	ug/L	99
60) Isopropylbenzene	9.921	105	476657	5.496	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	49229	5.392	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	408225	5.557	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	403272	5.480	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	227045	5.572	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	226295	5.524	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	205013	5.600	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	8361	4.654	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.635	180	180702	5.748	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	137621	5.788	ug/L	97
71) Naphthalene	13.493	128	182194	5.938	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	117590	5.839	ug/L	98

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

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