

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029214.D
 Acq On : 20 Nov 2022 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 21 00:50:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	457620	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	413124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	210521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	145369	5.211	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.200%	
7) Chloroethane-d5	1.568	69	117745	4.801	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.108	63	253062	4.977	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	3.883	46	219797	47.064	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.120%	
24) Chloroform-d	4.339	84	271188	4.735	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.024	65	117865	4.574	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.040	84	556950	4.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.063	67	157773	4.582	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.307	98	508025	4.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	7.616	79	53068	4.725	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.082	63	245446	51.202	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.400%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	111525	4.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	180241	4.785	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	179861	4.715	ug/L	99
3) Chloromethane	1.240	50	162714	5.139	ug/L	99
5) Vinyl chloride	1.311	62	176338	4.883	ug/L	95
6) Bromomethane	1.523	94	100239	4.644	ug/L	94
8) Chloroethane	1.584	64	102946	4.851	ug/L	97
9) Trichlorofluoromethane	1.751	101	248533	5.104	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	146301	5.307	ug/L	99
12) 1,1-Dichloroethene	2.114	96	143092	5.165	ug/L	95
13) Acetone	2.182	43	166644m	55.471	ug/L	
14) Carbon disulfide	2.291	76	410238	4.170	ug/L	100
15) Methyl Acetate	2.433	43	45599	6.254	ug/L #	86
16) Methylene chloride	2.500	84	170116	4.749	ug/L	99
17) Methyl tert-butyl Ether	2.761	73	308323	5.191	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	158124	4.921	ug/L	97
19) 1,1-Dichloroethane	3.182	63	270353	5.147	ug/L	99
21) 2-Butanone	3.970	43	245400	52.762	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	170910	5.232	ug/L	99
23) Bromochloromethane	4.240	128	71773	5.195	ug/L	94
25) Chloroform	4.365	83	283744	5.153	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	149919	5.286	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	241127	4.974	ug/L	98
30) Cyclohexane	4.667	56	241464	4.901	ug/L	97
31) Carbon tetrachloride	4.818	117	199211	4.772	ug/L	99
33) Benzene	5.092	78	642108	5.086	ug/L	100
34) Trichloroethene	5.905	95	163782	5.068	ug/L	99
35) Methylcyclohexane	6.124	83	275559	4.851	ug/L	98
37) 1,2-Dichloropropane	6.166	63	150934	5.184	ug/L	100
38) Bromodichloromethane	6.500	83	179552	4.870	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	198489	4.884	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	715248	57.104	ug/L	100
42) Toluene	7.378	91	698092	5.119	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	154427	4.894	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	106046	5.565	ug/L	96
47) Tetrachloroethene	7.966	164	136948	5.292	ug/L	99
48) 2-Hexanone	8.133	43	513425	58.518	ug/L	99
49) Dibromochloromethane	8.236	129	113660	4.933	ug/L	97
50) 1,2-Dibromoethane	8.342	107	95660	5.403	ug/L	96
51) Chlorobenzene	8.873	112	447289	5.304	ug/L	100
52) Ethylbenzene	9.005	91	754235	5.312	ug/L	99
53) m,p-Xylene	9.130	106	296408	5.249	ug/L	98
54) o-Xylene	9.535	106	286530	5.338	ug/L	97
55) Styrene	9.551	104	496179	5.511	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	117453	5.288	ug/L	99
59) Bromoform	9.722	173	56204	4.897	ug/L	99
60) Isopropylbenzene	9.921	105	770502	5.639	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	80358	5.586	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	628638	5.431	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	633764	5.466	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	347913	5.419	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	345123	5.347	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	311620	5.402	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	13907	4.913	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	266357	5.377	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	199503	5.325	ug/L	99
71) Naphthalene	13.493	128	237251	4.908	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	163343	5.148	ug/L	98

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

