

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029187.D
 Acq On : 19 Nov 2022 21:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 01:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	341690	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	304892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	161906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108860	5.226	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5	1.568	69	88223	4.818	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.108	63	182471	4.807	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	3.921	46	167184m	47.944	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.880%	
24) Chloroform-d	4.346	84	196714	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.034	65	84480	4.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.050	84	407695	4.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.069	67	115361	4.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.313	98	374719	4.574	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	7.622	79	38800	4.681	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.091	63	175325	49.558	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.120%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	83629	4.747	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	131449	4.538	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	122381	4.297	ug/L	98
3) Chloromethane	1.240	50	109782	4.644	ug/L	97
5) Vinyl chloride	1.310	62	120901	4.484	ug/L	97
6) Bromomethane	1.523	94	71016	4.407	ug/L	94
8) Chloroethane	1.584	64	84876	5.357	ug/L	95
9) Trichlorofluoromethane	1.751	101	169550	4.663	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	98632	4.791	ug/L	99
12) 1,1-Dichloroethene	2.117	96	97477	4.712	ug/L	93
13) Acetone	2.211	43	97083m	43.281	ug/L	
14) Carbon disulfide	2.294	76	290942	3.961	ug/L	100
15) Methyl Acetate	2.445	43	26317	4.834	ug/L	98
16) Methylene chloride	2.506	84	110375	4.127	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	210563	4.748	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	109665	4.571	ug/L	98
19) 1,1-Dichloroethane	3.188	63	187763	4.788	ug/L	98
21) 2-Butanone	4.002	43	162826m	46.886	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	116403	4.773	ug/L	95
23) Bromochloromethane	4.246	128	49499	4.799	ug/L	93
25) Chloroform	4.375	83	190586	4.636	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	100786	4.760	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	163909	4.581	ug/L	99
30) Cyclohexane	4.677	56	170514	4.689	ug/L	98
31) Carbon tetrachloride	4.828	117	137059	4.449	ug/L	99
33) Benzene	5.098	78	445831	4.785	ug/L	100
34) Trichloroethene	5.915	95	113416	4.755	ug/L	98
35) Methylcyclohexane	6.130	83	186969	4.460	ug/L	96
37) 1,2-Dichloropropane	6.172	63	104076	4.844	ug/L	100
38) Bromodichloromethane	6.510	83	122066	4.486	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	136273	4.543	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	495688	53.623	ug/L	100
42) Toluene	7.384	91	483212	4.801	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	104970	4.508	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	73819	5.249	ug/L	95
47) Tetrachloroethene	7.972	164	92388	4.837	ug/L	98
48) 2-Hexanone	8.140	43	343217	53.005	ug/L	98
49) Dibromochloromethane	8.243	129	76723	4.512	ug/L	99
50) 1,2-Dibromoethane	8.349	107	66118	5.060	ug/L	97
51) Chlorobenzene	8.876	112	307605	4.943	ug/L	100
52) Ethylbenzene	9.008	91	516571	4.930	ug/L	100
53) m,p-Xylene	9.133	106	202270	4.853	ug/L	98
54) o-Xylene	9.538	106	196173	4.952	ug/L	99
55) Styrene	9.554	104	334319	5.031	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	84636	5.163	ug/L	99
59) Bromoform	9.728	173	37646	4.265	ug/L	98
60) Isopropylbenzene	9.924	105	529264	5.036	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	58883	5.322	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	443996	4.987	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	449052	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	244588	4.953	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	242597	4.887	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	217063	4.893	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9435	4.334	ug/L	85
69) 1,3,5-Trichlorobenzene	12.635	180	180042	4.726	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	141492	4.910	ug/L	99
71) Naphthalene	13.493	128	207927	5.593	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	123933	5.078	ug/L	99

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

