

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025895.D
 Acq On : 13 May 2022 16:55
 Operator : SY/MD
 Sample : VSTD02047
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020247

Quant Time: May 14 07:00:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	166934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	174621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	279687	16.321	ug/L	0.00
7) Chloroethane-d5	1.571	69	239082	15.911	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	621587	18.480	ug/L	0.00
20) 2-Butanone-d5	3.896	46	430272m	189.779	ug/L	-0.01
24) Chloroform-d	4.349	84	472120	18.230	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	203351	17.852	ug/L	0.00
32) Benzene-d6	5.050	84	973957	18.420	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	281297	18.096	ug/L	0.00
41) Toluene-d8	7.313	98	937697	19.471	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	103754	20.954	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	433237	230.283	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	191975	19.438	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	305323	18.052	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	357754	18.238	ug/L	100
3) Chloromethane	1.243	50	405468	17.818	ug/L	98
5) Vinyl chloride	1.314	62	433228	18.835	ug/L	100
6) Bromomethane	1.526	94	243733	19.178	ug/L	97
8) Chloroethane	1.587	64	276067	18.558	ug/L	99
9) Trichlorofluoromethane	1.754	101	589303	18.676	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	330519	19.308	ug/L	100
12) 1,1-Dichloroethene	2.121	96	320584	19.484	ug/L	97
13) Acetone	2.188	43	332964m	202.353	ug/L	
14) Carbon disulfide	2.294	76	842907	20.073	ug/L	99
15) Methyl Acetate	2.439	43	77997	20.435	ug/L	93
16) Methylene chloride	2.507	84	281616	17.704	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	574570	23.052	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	287612	19.993	ug/L	99
19) 1,1-Dichloroethane	3.191	63	526661	20.419	ug/L	99
21) 2-Butanone	3.976	43	540878m	243.057	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	306702	20.936	ug/L	98
23) Bromochloromethane	4.246	128	123147	20.610	ug/L	97
25) Chloroform	4.375	83	532935	19.782	ug/L	99
27) 1,2-Dichloroethane	5.130	62	290292	20.032	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	479537	19.877	ug/L	99
30) Cyclohexane	4.680	56	475088	21.759	ug/L	97
31) Carbon tetrachloride	4.828	117	404057	19.597	ug/L	100
33) Benzene	5.098	78	1212147	20.377	ug/L	100
34) Trichloroethene	5.912	95	306574	19.585	ug/L	99
35) Methylcyclohexane	6.130	83	521054	21.750	ug/L	97
37) 1,2-Dichloropropane	6.172	63	298431	20.836	ug/L	98
38) Bromodichloromethane	6.510	83	368985	20.610	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	421196	23.423	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1548055	254.370	ug/L	96
42) Toluene	7.387	91	1332099	20.971	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	341489	23.954	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	195216	21.135	ug/L	95
47) Tetrachloroethene	7.976	164	233646	17.588	ug/L	98
48) 2-Hexanone	8.140	43	1106849	258.753	ug/L	97
49) Dibromochloromethane	8.246	129	227081	22.167	ug/L	99
50) 1,2-Dibromoethane	8.352	107	179512	21.857	ug/L	97
51) Chlorobenzene	8.879	112	831154	20.592	ug/L	99
52) Ethylbenzene	9.011	91	1464811	22.271	ug/L	99
53) m,p-Xylene	9.136	106	574016	22.167	ug/L	94
54) o-Xylene	9.542	106	555975	22.689	ug/L	96
55) Styrene	9.558	104	961835	23.805	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	226078	22.800	ug/L	99
59) Bromoform	9.731	173	112402	22.766	ug/L	99
60) Isopropylbenzene	9.931	105	1513836	21.464	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	166828	19.852	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	685798	22.686	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1278598	23.143	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	668136	20.540	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	659807	19.966	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	596922	20.628	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	34734	22.253	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	497999	20.336	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	399771	21.963	ug/L	99
71) Naphthalene	13.500	128	655716	25.292	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	340230	22.748	ug/L	97

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

