

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024429.D
 Acq On : 26 Jan 2022 10:42
 Operator : SY/MD
 Sample : VSTD00579
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005279

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 26 11:07:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 11:06:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	180338	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	188918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	114045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	80150	7.304	ug/L	0.00
7) Chloroethane-d5	1.571	69	70383	7.546	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	154462	7.228	ug/L	0.00
20) 2-Butanone-d5	3.924	46	142761m	66.248	ug/L	0.00
24) Chloroform-d	4.352	84	154861	6.501	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	71458	6.433	ug/L	0.00
32) Benzene-d6	5.053	84	294886	7.078	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	91654	7.209	ug/L	0.00
41) Toluene-d8	7.317	98	279715	7.367	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	32087	6.402	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	109623	51.919	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54125	5.610	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	99779	6.126	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	100651	6.106	ug/L	100
3) Chloromethane	1.243	50	97096	6.676	ug/L	97
5) Vinyl chloride	1.310	62	98056	6.303	ug/L	99
6) Bromomethane	1.526	94	60370	6.162	ug/L	96
8) Chloroethane	1.587	64	57335	5.802	ug/L	95
9) Trichlorofluoromethane	1.754	101	133378	5.236	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	70535	5.249	ug/L	97
12) 1,1-Dichloroethene	2.121	96	69733	5.595	ug/L	83
13) Acetone	2.211	43	75010m	49.234	ug/L	
14) Carbon disulfide	2.298	76	216379	5.903	ug/L	100
15) Methyl Acetate	2.449	43	20049	5.130	ug/L #	84
16) Methylene chloride	2.510	84	68155	4.339	ug/L	92
17) Methyl tert-butyl Ether	2.773	73	130844	4.848	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	67777	5.070	ug/L	93
19) 1,1-Dichloroethane	3.191	63	126932	5.246	ug/L	98
21) 2-Butanone	4.011	43	131823m	57.433	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	68894	4.934	ug/L	92
23) Bromochloromethane	4.256	128	30810	4.869	ug/L	91
25) Chloroform	4.378	83	135716	5.086	ug/L	98
27) 1,2-Dichloroethane	5.133	62	69193	4.838	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	115195	4.763	ug/L	99
30) Cyclohexane	4.680	56	104611	5.300	ug/L	92
31) Carbon tetrachloride	4.831	117	102618	4.530	ug/L	99
33) Benzene	5.101	78	272966	5.143	ug/L	100
34) Trichloroethene	5.915	95	76459	5.085	ug/L	94
35) Methylcyclohexane	6.133	83	104754	4.811	ug/L	95
37) 1,2-Dichloropropane	6.175	63	67199	5.248	ug/L	98
38) Bromodichloromethane	6.510	83	87551	4.929	ug/L #	98
39) cis-1,3-Dichloropropene	7.030	75	92496	4.968	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	327509	54.216	ug/L	98
42) Toluene	7.387	91	296278	5.002	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	77041	4.818	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	44770	4.896	ug/L	96
47) Tetrachloroethene	7.976	164	59078	4.606	ug/L	94
48) 2-Hexanone	8.143	43	242524	55.584	ug/L	98
49) Dibromochloromethane	8.246	129	57324	4.640	ug/L	98
50) 1,2-Dibromoethane	8.352	107	43348	5.045	ug/L	95
51) Chlorobenzene	8.879	112	181936	4.654	ug/L	95
52) Ethylbenzene	9.011	91	301976	4.878	ug/L	97
53) m,p-xylene	9.140	106	112868	4.660	ug/L	94
54) o-xylene	9.542	106	110286	4.694	ug/L	91
55) Styrene	9.561	104	188920	4.846	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	43838	4.428	ug/L	98
59) Bromoform	9.731	173	30194	4.336	ug/L #	99
60) Isopropylbenzene	9.931	105	298039	4.601	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	36497	4.773	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	239314	4.474	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	250692	4.670	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	150558	4.550	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	149286	4.489	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	134389	4.442	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6393	3.984	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	120657	4.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	91284	4.272	ug/L	100
71) Naphthalene	13.500	128	113046	3.745	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	79010	4.220	ug/L	99

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

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