

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023667.D
 Acq On : 23 Nov 2021 13:09
 Operator : SY/MD
 Sample : VSTD02057
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02057

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 03:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	148110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	247110	26.015	ug/L	0.00
7) Chloroethane-d5	1.568	69	189875	24.825	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	437940	24.488	ug/L	0.00
20) 2-Butanone-d5	3.899	46	358584m	230.787	ug/L	0.00
24) Chloroform-d	4.346	84	441871	22.714	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	205156	23.291	ug/L	0.00
32) Benzene-d6	5.050	84	876005	23.573	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	240708	22.196	ug/L	0.00
41) Toluene-d8	7.314	98	863504	24.657	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	105800	25.362	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	395832	264.771	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	172826	22.184	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	320942	22.962	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	278862	19.126	ug/L	99
3) Chloromethane	1.240	50	235046	18.878	ug/L	98
5) Vinyl chloride	1.311	62	253831	20.201	ug/L	97
6) Bromomethane	1.523	94	149983	19.268	ug/L	98
8) Chloroethane	1.584	64	149777	20.423	ug/L	98
9) Trichlorofluoromethane	1.754	101	407280	21.167	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	208612	21.591	ug/L	98
12) 1,1-Dichloroethene	2.118	96	194984	21.077	ug/L #	82
13) Acetone	2.201	43	269096m	253.330	ug/L	
14) Carbon disulfide	2.294	76	668444	19.700	ug/L	100
15) Methyl Acetate	2.439	43	65328	22.719	ug/L	96
16) Methylene chloride	2.507	84	216060	16.374	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	439345	21.949	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	229669	20.647	ug/L	97
19) 1,1-Dichloroethane	3.188	63	381559	20.325	ug/L	99
21) 2-Butanone	3.979	43	403497m	250.392	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	236464	21.997	ug/L	99
23) Bromochloromethane	4.246	128	106828	21.576	ug/L	95
25) Chloroform	4.375	83	418836	20.659	ug/L	100
27) 1,2-Dichloroethane	5.130	62	228124	21.080	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	390235	21.112	ug/L	99
30) Cyclohexane	4.677	56	360809	22.051	ug/L	99
31) Carbon tetrachloride	4.828	117	362495	21.708	ug/L	99
33) Benzene	5.098	78	891018	21.234	ug/L	100
34) Trichloroethene	5.912	95	236982	21.096	ug/L	98
35) Methylcyclohexane	6.130	83	400257	22.587	ug/L	98
37) 1,2-Dichloropropane	6.172	63	208951	21.391	ug/L	99
38) Bromodichloromethane	6.510	83	282878	21.246	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	328028	23.155	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1078018	232.922	ug/L	98
42) Toluene	7.387	91	1004319	22.200	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	277227	23.667	ug/L	100

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45) 1,1,2-Trichloroethane	7.838	97	148055	20.757	ug/L	98
47) Tetrachloroethene	7.976	164	214284	21.831	ug/L	98
48) 2-Hexanone	8.140	43	785165	243.891	ug/L	98
49) Dibromochloromethane	8.246	129	204217	22.464	ug/L	100
50) 1,2-Dibromoethane	8.352	107	143029	21.771	ug/L	95
51) Chlorobenzene	8.879	112	641239	21.353	ug/L	98
52) Ethylbenzene	9.011	91	1099443	23.011	ug/L	100
53) m,p-xylene	9.137	106	437339	23.146	ug/L	99
54) o-xylene	9.542	106	418304	23.740	ug/L	99
55) Styrene	9.558	104	714853	23.606	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	163692	21.120	ug/L	99
59) Bromoform	9.731	173	113837	21.502	ug/L	99
60) Isopropylbenzene	9.931	105	1130065	22.389	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	116682	20.125	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	984918	23.518	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	994021	23.837	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	552569	21.518	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	544482	20.812	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	495132	21.440	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	27649	22.477	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	450314	22.284	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	362797	22.566	ug/L	97
71) Naphthalene	13.503	128	537395	23.080	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	317886	22.634	ug/L	99

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

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