

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028629.D
 Acq On : 20 Oct 2022 11:36
 Operator : SY/MD
 Sample : VSTD00165
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001265

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 20 23:11:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	212105	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	180100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	65408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	19724	1.026	ug/L	0.00
7) Chloroethane-d5	1.561	69	15695	1.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	33685	0.974	ug/L	0.00
20) 2-Butanone-d5	3.953	46	34774	8.897	ug/L	0.00
24) Chloroform-d	4.336	84	29077	1.003	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	15548	1.046	ug/L	0.00
32) Benzene-d6	5.037	84	59877	0.963	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	19304	0.924	ug/L	0.00
41) Toluene-d8	7.304	98	49668	1.034	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	5532	0.901	ug/L	0.00
46) 2-Hexanone-d5	8.108	63	22718	8.607	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	9639	0.858	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	10615	0.963	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	9966	0.837	ug/L	100
3) Chloromethane	1.233	50	20663	1.019	ug/L	97
5) Vinyl chloride	1.301	62	18984	0.948	ug/L	97
6) Bromomethane	1.516	94	9533	1.047	ug/L	94
8) Chloroethane	1.577	64	12907	0.986	ug/L	98
9) Trichlorofluoromethane	1.744	101	23802	0.973	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	14643	1.005	ug/L	96
12) 1,1-Dichloroethene	2.111	96	14258	1.058	ug/L #	72
13) Acetone	2.246	43	25504	9.227	ug/L	76
14) Carbon disulfide	2.285	76	30130	0.823	ug/L	96
15) Methyl Acetate	2.452	43	7754m	1.200	ug/L	
16) Methylene chloride	2.500	84	20996	1.113	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	36292	1.051	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	14047	1.001	ug/L	92
19) 1,1-Dichloroethane	3.178	63	33144	1.036	ug/L	98
21) 2-Butanone	4.037	43	43349	10.711	ug/L	80
22) cis-1,2-Dichloroethene	3.899	96	17220	1.080	ug/L #	99
23) Bromochloromethane	4.233	128	6345	1.045	ug/L	96
25) Chloroform	4.365	83	33250	1.096	ug/L	99
27) 1,2-Dichloroethane	5.124	62	20052	1.114	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	26435	1.022	ug/L	94
30) Cyclohexane	4.654	56	27718	0.930	ug/L	92
31) Carbon tetrachloride	4.805	117	19240	0.962	ug/L	100
33) Benzene	5.085	78	67169	0.994	ug/L	100
34) Trichloroethene	5.899	95	16717	0.999	ug/L	97
35) Methylcyclohexane	6.108	83	26396	0.949	ug/L	90
37) 1,2-Dichloropropane	6.169	63	20520	1.137	ug/L	97
38) Bromodichloromethane	6.503	83	19746	1.015	ug/L #	88
39) cis-1,3-Dichloropropene	7.021	75	21069	0.950	ug/L	93
40) 4-Methyl-2-pentanone	7.249	43	109579	11.928	ug/L	96
42) Toluene	7.374	91	65850	1.074	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	15022	0.928	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	10274	1.115	ug/L	95
47) Tetrachloroethene	7.963	164	9746	0.967	ug/L	95
48) 2-Hexanone	8.159	43	69408	11.185	ug/L	96
49) Dibromochloromethane	8.239	129	8576	0.890	ug/L	86
50) 1,2-Dibromoethane	8.349	107	8293	1.022	ug/L	94
51) Chlorobenzene	8.873	112	37372	0.986	ug/L	98
52) Ethylbenzene	9.001	91	68533	1.016	ug/L	94
53) m,p-Xylene	9.130	106	23989	0.946	ug/L	100
54) o-Xylene	9.532	106	23512	0.964	ug/L	99
55) Styrene	9.554	104	38504	0.925	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	11392	0.995	ug/L	90
59) Bromoform	9.725	173	3489	1.066	ug/L	98
60) Isopropylbenzene	9.921	105	60972	1.251	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	8566	1.420	ug/L	92
62) 1,3,5-Trimethylbenzene	10.529	105	17974	1.239	ug/L	97
63) 1,2,4-Trimethylbenzene	10.905	105	42452	1.067	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	19977	0.972	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	21114	1.045	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	19215	1.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	1126	0.946	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.635	180	14226	0.959	ug/L	97
70) 1,2,4-trichlorobenzene	13.252	180	10975	0.967	ug/L	99
71) Naphthalene	13.496	128	17250	1.022	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	9583	1.012	ug/L	96

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

