

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028067.D
 Acq On : 22 Sep 2022 17:46
 Operator : SY/MD
 Sample : VSTD02050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020250

Quant Time: Sep 23 03:56:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	192362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	190023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	107887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	426701	25.810	ug/L	0.00
7) Chloroethane-d5	1.561	69	338890	23.890	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	710208	25.987	ug/L	0.00
20) 2-Butanone-d5	3.883	46	770349	283.925	ug/L	0.00
24) Chloroform-d	4.339	84	660525	24.172	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	313177	26.589	ug/L	0.00
32) Benzene-d6	5.040	84	1335307	26.889	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	389880	24.067	ug/L	0.00
41) Toluene-d8	7.310	98	1234995	27.443	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	155670	28.359	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	745242	316.284	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.211	84	286805	22.449	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	438088	24.141	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	292425	20.258	ug/L	93
3) Chloromethane	1.237	50	284323	16.887	ug/L	98
5) Vinyl chloride	1.304	62	309371	18.524	ug/L	100
6) Bromomethane	1.516	94	195633	17.316	ug/L	96
8) Chloroethane	1.577	64	201298	17.941	ug/L	100
9) Trichlorofluoromethane	1.745	101	501259	19.878	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	278970	17.963	ug/L	100
12) 1,1-Dichloroethene	2.108	96	247710	17.975	ug/L	92
13) Acetone	2.182	43	432239	209.353	ug/L	99
14) Carbon disulfide	2.285	76	509310	18.355	ug/L	99
15) Methyl Acetate	2.433	43	100585	22.529	ug/L	# 91
16) Methylene chloride	2.497	84	270971	17.727	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	621527	23.860	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	240058	18.698	ug/L	99
19) 1,1-Dichloroethane	3.179	63	502878	20.055	ug/L	98
21) 2-Butanone	3.966	43	647695	256.706	ug/L	95
22) cis-1,2-Dichloroethene	3.899	96	298767	20.599	ug/L	99
23) Bromochloromethane	4.240	128	124480	19.191	ug/L	90
25) Chloroform	4.365	83	534341	19.381	ug/L	98
27) 1,2-Dichloroethane	5.124	62	301208	22.525	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	463909	21.381	ug/L	99
30) Cyclohexane	4.667	56	367713	23.380	ug/L	93
31) Carbon tetrachloride	4.818	117	394023	20.599	ug/L	100
33) Benzene	5.092	78	1088050	20.705	ug/L	100
34) Trichloroethene	5.905	95	272411	20.842	ug/L	98
35) Methylcyclohexane	6.124	83	404467	21.900	ug/L	96
37) 1,2-Dichloropropane	6.166	63	286144	20.175	ug/L	100
38) Bromodichloromethane	6.503	83	371579	20.369	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	417915	23.517	ug/L	100
40) 4-Methyl-2-pentanone	7.224	43	1584250	257.195	ug/L	97
42) Toluene	7.381	91	1169834	20.962	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	355020	23.835	ug/L	95

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45) 1,1,2-Trichloroethane	7.834	97	207416	20.278	ug/L	99
47) Tetrachloroethene	7.973	164	217343	19.083	ug/L	99
48) 2-Hexanone	8.137	43	1235959	280.072	ug/L	99
49) Dibromochloromethane	8.243	129	248777	20.037	ug/L	99
50) 1,2-Dibromoethane	8.349	107	180960	20.229	ug/L	100
51) Chlorobenzene	8.876	112	775292	20.074	ug/L	98
52) Ethylbenzene	9.008	91	1342197	23.121	ug/L	100
53) m,p-Xylene	9.133	106	519910	23.202	ug/L	100
54) o-Xylene	9.539	106	514314	22.963	ug/L	96
55) Styrene	9.555	104	904991	23.248	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	248991	19.380	ug/L	99
59) Bromoform	9.725	173	136697	18.976	ug/L	99
60) Isopropylbenzene	9.928	105	1399965	22.666	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	179335	21.542	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	394488	23.572	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1178564	24.320	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	656886	19.849	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	648125	19.522	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	608686	19.978	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	40534	21.724	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	520364	19.781	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	430285	20.595	ug/L	99
71) Naphthalene	13.500	128	727240	23.413	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	392721	21.103	ug/L	98

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

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