

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028065.D
 Acq On : 22 Sep 2022 16:56
 Operator : SY/MD
 Sample : VSTD00548
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005248

Quant Time: Sep 23 03:55:17 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	176997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	103011	6.772	ug/L	0.00
7) Chloroethane-d5	1.561	69	81479	6.243	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	166425	6.618	ug/L	0.00
20) 2-Butanone-d5	3.883	46	186283	74.618	ug/L	0.00
24) Chloroform-d	4.343	84	166695	6.630	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	80281	7.408	ug/L	0.00
32) Benzene-d6	5.044	84	322170	6.962	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	98475	6.524	ug/L	0.00
41) Toluene-d8	7.310	98	300733	7.172	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	36814	7.197	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	155186	70.683	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	68989	5.795	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	100678	6.440	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	73003	5.496	ug/L	100
3) Chloromethane	1.237	50	70640	4.560	ug/L	100
5) Vinyl chloride	1.304	62	75127	4.889	ug/L	100
6) Bromomethane	1.516	94	48286	4.645	ug/L	100
8) Chloroethane	1.577	64	49807	4.825	ug/L	100
9) Trichlorofluoromethane	1.745	101	118765	5.119	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	66793	4.674	ug/L	100
12) 1,1-Dichloroethene	2.111	96	58595	4.621	ug/L	100
13) Acetone	2.172	43	106425	56.021	ug/L	100
14) Carbon disulfide	2.285	76	126663	4.961	ug/L	100
15) Methyl Acetate	2.433	43	27556	6.708	ug/L	100
16) Methylene chloride	2.500	84	72376	5.146	ug/L	100
17) Methyl tert-butyl Ether	2.764	73	145582	6.074	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	59295	5.019	ug/L	100
19) 1,1-Dichloroethane	3.182	63	130747	5.667	ug/L	100
21) 2-Butanone	3.966	43	161563	69.592	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	70700	5.298	ug/L	100
23) Bromochloromethane	4.243	128	30072	5.039	ug/L	100
25) Chloroform	4.368	83	137841	5.434	ug/L	100
27) 1,2-Dichloroethane	5.124	62	78107	6.348	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	115486	5.712	ug/L	100
30) Cyclohexane	4.671	56	85538	5.837	ug/L	100
31) Carbon tetrachloride	4.818	117	97050	5.445	ug/L	100
33) Benzene	5.092	78	273422	5.584	ug/L	100
34) Trichloroethene	5.908	95	65710	5.395	ug/L	100
35) Methylcyclohexane	6.124	83	91251	5.303	ug/L	100
37) 1,2-Dichloropropane	6.169	63	75841	5.739	ug/L	100
38) Bromodichloromethane	6.506	83	93547	5.503	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	86704	5.236	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	397650	69.282	ug/L	100
42) Toluene	7.384	91	288421	5.547	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	82276	5.928	ug/L	100

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45) 1,1,2-Trichloroethane	7.838	97	51138	5.366	ug/L	100
47) Tetrachloroethene	7.973	164	52058	4.905	ug/L	100
48) 2-Hexanone	8.137	43	293312	71.331	ug/L	100
49) Dibromochloromethane	8.243	129	60827	5.258	ug/L	100
50) 1,2-Dibromoethane	8.349	107	43185	5.181	ug/L	100
51) Chlorobenzene	8.879	112	183833	5.108	ug/L	100
52) Ethylbenzene	9.008	91	291359	5.387	ug/L	100
53) m,p-Xylene	9.137	106	112165	5.372	ug/L	100
54) o-Xylene	9.539	106	110118	5.276	ug/L	100
55) Styrene	9.558	104	199317	5.495	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	61018	5.097	ug/L	100
59) Bromoform	9.728	173	31987	5.154	ug/L	100
60) Isopropylbenzene	9.928	105	304080	5.714	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	43243	6.029	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	80958	5.615	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	230675	5.525	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	149613	5.247	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	145433	5.085	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	137734	5.247	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	9067	5.640	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	114758	5.064	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	90524	5.029	ug/L	100
71) Naphthalene	13.500	128	141918	5.303	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	81915	5.109	ug/L	100

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

