

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029265.D
 Acq On : 22 Nov 2022 16:16
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005205

Quant Time: Nov 23 01:01:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	288536	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	256873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	127729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	144375	5.246	ug/L	0.00
7) Chloroethane-d5	1.564	69	114645	5.321	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	254114	5.420	ug/L	0.00
20) 2-Butanone-d5	3.912	46	219607	54.054	ug/L	0.00
24) Chloroform-d	4.339	84	207357	5.312	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	99862	5.409	ug/L	0.00
32) Benzene-d6	5.043	84	446167	5.327	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	141505	5.348	ug/L	0.00
41) Toluene-d8	7.310	98	406166	5.383	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	46502	5.278	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	81395	52.870	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68910	5.238	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	126562	5.136	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	123339	5.118	ug/L	100
3) Chloromethane	1.236	50	160354	4.841	ug/L	100
5) Vinyl chloride	1.307	62	162373	5.109	ug/L	100
6) Bromomethane	1.519	94	85693	4.877	ug/L	100
8) Chloroethane	1.581	64	98132	5.153	ug/L	100
9) Trichlorofluoromethane	1.751	101	181044	4.987	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	110847	5.153	ug/L	100
12) 1,1-Dichloroethene	2.114	96	109274	5.132	ug/L	100
13) Acetone	2.201	43	178516	52.967	ug/L	100
14) Carbon disulfide	2.288	76	304018	5.056	ug/L	100
15) Methyl Acetate	2.439	43	43647	4.994	ug/L	100
16) Methylene chloride	2.500	84	157289	4.693	ug/L	100
17) Methyl tert-butyl Ether	2.764	73	239509	5.121	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	106648	4.930	ug/L	100
19) 1,1-Dichloroethane	3.182	63	220639	5.060	ug/L	100
21) 2-Butanone	3.995	43	271673	50.921	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	117992	4.998	ug/L	100
23) Bromochloromethane	4.240	128	45106	5.113	ug/L	100
25) Chloroform	4.368	83	213735	5.153	ug/L	100
27) 1,2-Dichloroethane	5.124	62	116241	5.115	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	173141	5.093	ug/L	100
30) Cyclohexane	4.670	56	208236	5.065	ug/L	100
31) Carbon tetrachloride	4.822	117	138223	5.096	ug/L	100
33) Benzene	5.092	78	478052	5.111	ug/L	100
34) Trichloroethene	5.908	95	125951	5.117	ug/L	100
35) Methylcyclohexane	6.124	83	201872	5.074	ug/L	100
37) 1,2-Dichloropropane	6.166	63	125566	5.177	ug/L	100
38) Bromodichloromethane	6.503	83	140163	5.165	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	162363	5.171	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	639481	52.223	ug/L	100
42) Toluene	7.381	91	495176	5.149	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	125627	5.194	ug/L	100

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

45) 1,1,2-Trichloroethane	7.831	97	74585	5.182	ug/L	100
47) Tetrachloroethene	7.966	164	81931	5.069	ug/L	100
48) 2-Hexanone	8.140	43	492702	52.321	ug/L	100
49) Dibromochloromethane	8.239	129	77163	5.130	ug/L	100
50) 1,2-Dibromoethane	8.345	107	63007	5.174	ug/L	100
51) Chlorobenzene	8.873	112	295779	5.062	ug/L	100
52) Ethylbenzene	9.005	91	539523	5.213	ug/L	100
53) m,p-Xylene	9.130	106	198172	5.158	ug/L	100
54) o-Xylene	9.535	106	193829	5.155	ug/L	100
55) Styrene	9.554	104	334733	5.207	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	64816	5.040	ug/L	100
59) Bromoform	9.722	173	37927	5.062	ug/L	100
60) Isopropylbenzene	9.921	105	527506	5.121	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	61239	5.011	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	437651	5.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	440605	5.064	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	222024	4.925	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	215194	4.873	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	203629	4.986	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	7616	4.150	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	169991	4.842	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	129093	4.738	ug/L	100
71) Naphthalene	13.493	128	14828	1.540	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	102073	4.653	ug/L	100

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

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