

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010422\
 Data File : VW024265.D
 Acq On : 04 Jan 2022 11:55
 Operator : SY/MD
 Sample : VSTD00573
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 04 12:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 04 12:47:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39949	6.884	ug/L	0.00
7) Chloroethane-d5	1.568	69	31318	6.554	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	78525	6.909	ug/L	0.00
20) 2-Butanone-d5	3.912	46	54453m	50.993	ug/L	0.00
24) Chloroform-d	4.352	84	76137	6.048	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	35493	6.030	ug/L	0.00
32) Benzene-d6	5.050	84	139732	6.606	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	36710	5.937	ug/L	0.00
41) Toluene-d8	7.314	98	143179	7.274	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	16635	6.377	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	52493	48.525	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27114	5.440	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	54491	6.297	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	62677	6.774	ug/L	100
3) Chloromethane	1.240	50	41486	5.583	ug/L	98
5) Vinyl chloride	1.311	62	45579	5.612	ug/L	96
6) Bromomethane	1.523	94	30545	5.853	ug/L	95
8) Chloroethane	1.587	64	28497	5.430	ug/L	97
9) Trichlorofluoromethane	1.754	101	90924	6.254	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	46833	6.146	ug/L	98
12) 1,1-Dichloroethene	2.121	96	39687	5.815	ug/L	99
13) Acetone	2.211	43	50157m	58.756	ug/L	
14) Carbon disulfide	2.294	76	90546	4.821	ug/L	99
15) Methyl Acetate	2.449	43	8036	4.012	ug/L #	85
16) Methylene chloride	2.510	84	45232	5.119	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	93669	6.033	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	41398	5.576	ug/L	94
19) 1,1-Dichloroethane	3.191	63	74156	5.569	ug/L	98
21) 2-Butanone	3.999	43	72656m	58.923	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	45816	5.799	ug/L	96
23) Bromochloromethane	4.246	128	21085	5.854	ug/L #	84
25) Chloroform	4.378	83	87178	5.814	ug/L	99
27) 1,2-Dichloroethane	5.130	62	51229	6.177	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	85576	6.280	ug/L	99
30) Cyclohexane	4.677	56	55084	5.343	ug/L	93
31) Carbon tetrachloride	4.828	117	78537	6.132	ug/L	99
33) Benzene	5.101	78	164579	5.764	ug/L	100
34) Trichloroethene	5.915	95	46720	5.760	ug/L	98
35) Methylcyclohexane	6.130	83	63524	5.428	ug/L	96
37) 1,2-Dichloropropane	6.175	63	38400	5.641	ug/L	99
38) Bromodichloromethane	6.510	83	59694	6.079	ug/L	94
39) cis-1,3-Dichloropropene	7.027	75	60685	5.948	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	206273	62.689	ug/L	97
42) Toluene	7.387	91	199989	6.117	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	53418	6.027	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	31023	6.115	ug/L	98
47) Tetrachloroethene	7.976	164	43619	6.060	ug/L	96
48) 2-Hexanone	8.140	43	153987	64.587	ug/L	96
49) Dibromochloromethane	8.246	129	44394	6.325	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28673	6.073	ug/L	96
51) Chlorobenzene	8.879	112	132434	6.053	ug/L	98
52) Ethylbenzene	9.011	91	215315	6.227	ug/L	100
53) m,p-xylene	9.137	106	87788	6.370	ug/L	98
54) o-xylene	9.542	106	84704	6.353	ug/L	96
55) Styrene	9.558	104	146318	6.582	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32844	5.908	ug/L	96
59) Bromoform	9.731	173	25340	6.266	ug/L	97
60) Isopropylbenzene	9.931	105	235606	6.325	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	25846	6.023	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	198886	6.400	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	205486	6.586	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	123578	6.439	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	120875	6.295	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	109788	6.277	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5458	5.878	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	98875	6.241	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	76466	6.174	ug/L	98
71) Naphthalene	13.500	128	107346	6.029	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	68041	6.233	ug/L	98

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

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