

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024172.D
 Acq On : 27 Dec 2021 11:01
 Operator : SY/MD
 Sample : VSTD0.565
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5265

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2021
 Supervised By : Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 04:22:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	115674	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	4191	0.482	ug/L	0.00
7) Chloroethane-d5	1.564	69	3418	0.471	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	10297	0.487	ug/L	0.00
20) 2-Butanone-d5	3.960	46	3574m	3.698	ug/L	0.04
24) Chloroform-d	4.352	84	8762	0.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	3794	0.459	ug/L	0.00
32) Benzene-d6	5.056	84	14355	0.442	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	4264	0.479	ug/L	0.00
41) Toluene-d8	7.320	98	13471	0.421	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	1610	0.427	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	4237m	3.343	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	2473	0.407	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5538	0.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	13436	0.503	ug/L	95
3) Chloromethane	1.240	50	10085	0.499	ug/L	100
5) Vinyl chloride	1.310	62	10026	0.485	ug/L	97
6) Bromomethane	1.523	94	6165	0.467	ug/L	96
8) Chloroethane	1.584	64	5847	0.486	ug/L	100
9) Trichlorofluoromethane	1.751	101	16974	0.505	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	7929	0.491	ug/L	97
12) 1,1-Dichloroethene	2.117	96	7686	0.484	ug/L	92
13) Acetone	2.207	43	5548m	4.045	ug/L	
14) Carbon disulfide	2.294	76	23854	0.465	ug/L	97
15) Methyl Acetate	2.449	43	1149	0.337	ug/L	94
16) Methylene chloride	2.506	84	9002	0.530	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	14011	0.436	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	7734	0.459	ug/L	94
19) 1,1-Dichloroethane	3.191	63	13316	0.474	ug/L	94
21) 2-Butanone	4.030	43	6590m	3.652	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	7284	0.436	ug/L	90
23) Bromochloromethane	4.259	128	3907	0.490	ug/L #	77
25) Chloroform	4.381	83	15026	0.479	ug/L	99
27) 1,2-Dichloroethane	5.137	62	8182	0.466	ug/L #	92
29) 1,1,1-Trichloroethane	4.612	97	14442	0.476	ug/L	98
30) Cyclohexane	4.674	56	9799	0.434	ug/L	98
31) Carbon tetrachloride	4.828	117	13497	0.479	ug/L	95
33) Benzene	5.101	78	27177	0.430	ug/L	100
34) Trichloroethene	5.918	95	8233	0.462	ug/L	95
35) Methylcyclohexane	6.130	83	11555	0.448	ug/L	93
37) 1,2-Dichloropropane	6.178	63	6837	0.470	ug/L	99
38) Bromodichloromethane	6.509	83	9986	0.479	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	8614	0.408	ug/L	94
40) 4-Methyl-2-pentanone	7.233	43	27068	3.890	ug/L	93
42) Toluene	7.390	91	28363	0.403	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	6614	0.367	ug/L	97

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45) 1,1,2-Trichloroethane	7.844	97	4855	0.450	ug/L	96
47) Tetrachloroethene	7.976	164	7087	0.447	ug/L	90
48) 2-Hexanone	8.146	43	20574	4.040	ug/L	97
49) Dibromochloromethane	8.246	129	6305	0.434	ug/L	96
50) 1,2-Dibromoethane	8.358	107	4591	0.448	ug/L #	98
51) Chlorobenzene	8.882	112	20993	0.450	ug/L	98
52) Ethylbenzene	9.014	91	30930	0.413	ug/L	98
53) m,p-xylene	9.143	106	11460	0.386	ug/L	94
54) o-xylene	9.545	106	11336	0.398	ug/L	95
55) Styrene	9.564	104	17658	0.368	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	4656	0.445	ug/L	96
59) Bromoform	9.731	173	3322	0.466	ug/L	92
60) Isopropylbenzene	9.931	105	30076	0.430	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	3825	0.489	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	24198	0.411	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	23799	0.396	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	16268	0.449	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	16435	0.458	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	15120	0.461	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	839	0.497	ug/L #	62
69) 1,3,5-Trichlorobenzene	12.644	180	12806	0.444	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	9171	0.413	ug/L	96
71) Naphthalene	13.506	128	13479	0.409	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	7904	0.405	ug/L	99

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

