

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023199.D
 Acq On : 04 Nov 2021 13:11
 Operator : SY/MD
 Sample : VSTD00549
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005249

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 08 12:56:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 12:49:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	137625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45912	3.806	ug/L	0.00
7) Chloroethane-d5	1.568	69	37142	4.978	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	85523	4.915	ug/L	0.00
20) 2-Butanone-d5	3.902	46	77500m	40.053	ug/L	0.00
24) Chloroform-d	4.352	84	99343	5.066	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	44035	4.764	ug/L	0.00
32) Benzene-d6	5.053	84	186684	4.646	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	54361	4.395	ug/L	0.00
41) Toluene-d8	7.317	98	179163	4.964	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	21103	4.869	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	80727	50.313	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39811	4.661	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	66575	4.867	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70708	8.074	ug/L	99
3) Chloromethane	1.240	50	59281	6.263	ug/L	98
5) Vinyl chloride	1.310	62	59726	6.109	ug/L	99
6) Bromomethane	1.523	94	38466	7.788	ug/L	99
8) Chloroethane	1.584	64	34093	6.669	ug/L	99
9) Trichlorofluoromethane	1.754	101	90302	6.844	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	45458	6.043	ug/L	98
12) 1,1-Dichloroethene	2.121	96	42588	6.026	ug/L	88
13) Acetone	2.195	43	46047m	48.506	ug/L	
14) Carbon disulfide	2.294	76	162597	8.448	ug/L	99
15) Methyl Acetate	2.445	43	12066	3.341	ug/L	96
16) Methylene chloride	2.506	84	53914	6.946	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	95380	5.653	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	53086	7.036	ug/L	94
19) 1,1-Dichloroethane	3.191	63	90139	6.502	ug/L	97
21) 2-Butanone	3.989	43	77931m	41.933	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	51205	5.986	ug/L #	93
23) Bromochloromethane	4.252	128	23901	6.155	ug/L #	82
25) Chloroform	4.378	83	94626	5.166	ug/L	99
27) 1,2-Dichloroethane	5.133	62	51343	5.315	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	86674	5.573	ug/L	99
30) Cyclohexane	4.680	56	77419	5.702	ug/L	97
31) Carbon tetrachloride	4.831	117	78009	5.829	ug/L	97
33) Benzene	5.101	78	205362	5.545	ug/L	100
34) Trichloroethene	5.915	95	52384	5.630	ug/L	98
35) Methylcyclohexane	6.133	83	83232	6.247	ug/L	95
37) 1,2-Dichloropropane	6.175	63	48453	5.191	ug/L	100
38) Bromodichloromethane	6.513	83	61626	5.352	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	67325	5.792	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	223102	50.767	ug/L	97
42) Toluene	7.387	91	225775	6.016	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	58758	6.110	ug/L	97

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45) 1,1,2-Trichloroethane	7.841	97	33113	5.071	ug/L	94
47) Tetrachloroethene	7.976	164	46852	5.960	ug/L	98
48) 2-Hexanone	8.143	43	176030	53.960	ug/L	99
49) Dibromochloromethane	8.246	129	43307	5.573	ug/L	99
50) 1,2-Dibromoethane	8.355	107	33019	5.616	ug/L #	97
51) Chlorobenzene	8.882	112	143958	5.839	ug/L	99
52) Ethylbenzene	9.014	91	229504	6.161	ug/L	99
53) m,p-xylene	9.140	106	91356	6.115	ug/L	97
54) o-xylene	9.545	106	86893	6.178	ug/L	100
55) Styrene	9.561	104	152824	6.293	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	37624	5.154	ug/L	98
59) Bromoform	9.734	173	24251	5.428	ug/L	97
60) Isopropylbenzene	9.934	105	236333	6.095	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	27312	5.061	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	192791	6.190	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	197359	6.349	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	119907	5.877	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	120659	5.822	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	106361	5.600	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5719	5.372	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	89195	5.740	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	71005	6.107	ug/L	99
71) Naphthalene	13.503	128	103284	5.843	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	63586	5.891	ug/L	99

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

