

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024173.D
 Acq On : 27 Dec 2021 11:25
 Operator : SY/MD
 Sample : VSTD00166
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001266

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 04:33:32 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	117011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	7438	0.845	ug/L	0.00
7) Chloroethane-d5	1.568	69	6371	0.868	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	18791	0.878	ug/L	0.00
20) 2-Butanone-d5	3.969	46	6669m	6.822	ug/L	0.05
24) Chloroform-d	4.355	84	15514	0.830	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	6925	0.828	ug/L	0.00
32) Benzene-d6	5.053	84	26737	0.807	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7430	0.819	ug/L	0.00
41) Toluene-d8	7.317	98	25795	0.790	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2979	0.775	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	8512m	6.587	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	5161	0.833	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10294	0.848	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	22524	0.833	ug/L	99
3) Chloromethane	1.240	50	19583	0.958	ug/L	98
5) Vinyl chloride	1.310	62	19485	0.931	ug/L	98
6) Bromomethane	1.523	94	12408	0.930	ug/L	98
8) Chloroethane	1.584	64	11658	0.959	ug/L	90
9) Trichlorofluoromethane	1.754	101	29717	0.874	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	13906	0.852	ug/L	99
12) 1,1-Dichloroethene	2.117	96	15012	0.934	ug/L	89
13) Acetone	2.214	43	15262m	11.000	ug/L	
14) Carbon disulfide	2.294	76	48315	0.931	ug/L	99
15) Methyl Acetate	2.455	43	2756	0.800	ug/L #	88
16) Methylene chloride	2.510	84	17513	1.020	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	29848	0.919	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	15983	0.937	ug/L	97
19) 1,1-Dichloroethane	3.191	63	27805	0.979	ug/L	100
21) 2-Butanone	4.021	43	13186	7.223	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	15796	0.935	ug/L	89
23) Bromochloromethane	4.252	128	7556	0.936	ug/L	93
25) Chloroform	4.375	83	31016	0.977	ug/L	98
27) 1,2-Dichloroethane	5.137	62	16673	0.938	ug/L #	91
29) 1,1,1-Trichloroethane	4.609	97	29356	0.949	ug/L	99
30) Cyclohexane	4.677	56	17607	0.765	ug/L	94
31) Carbon tetrachloride	4.828	117	27027	0.942	ug/L	97
33) Benzene	5.101	78	61664	0.958	ug/L	100
34) Trichloroethene	5.915	95	17623	0.970	ug/L	97
35) Methylcyclohexane	6.130	83	19808	0.753	ug/L	93
37) 1,2-Dichloropropane	6.172	63	14048	0.946	ug/L	98
38) Bromodichloromethane	6.513	83	19295	0.907	ug/L	94
39) cis-1,3-Dichloropropene	7.030	75	18694	0.869	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	63016	8.882	ug/L	97
42) Toluene	7.387	91	66721	0.929	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	15955	0.868	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	10611	0.964	ug/L	98
47) Tetrachloroethene	7.976	164	15227	0.942	ug/L	98
48) 2-Hexanone	8.146	43	45058	8.678	ug/L	100
49) Dibromochloromethane	8.249	129	13875	0.937	ug/L	99
50) 1,2-Dibromoethane	8.355	107	9689	0.927	ug/L	100
51) Chlorobenzene	8.882	112	45374	0.953	ug/L	99
52) Ethylbenzene	9.011	91	66452	0.870	ug/L	98
53) m,p-xylene	9.136	106	26615	0.878	ug/L	97
54) o-xylene	9.545	106	25073	0.864	ug/L	99
55) Styrene	9.561	104	42146	0.862	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	9508	0.892	ug/L #	97
59) Bromoform	9.731	173	7211	0.958	ug/L	94
60) Isopropylbenzene	9.931	105	65084	0.881	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	8223	0.995	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	52288	0.840	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	53485	0.843	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	36789	0.962	ug/L	94
65) 1,4-Dichlorobenzene	11.271	146	36447	0.961	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	33454	0.966	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	1629	0.914	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	27084	0.889	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	20995	0.895	ug/L	99
71) Naphthalene	13.503	128	28642	0.822	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	18409	0.892	ug/L	98

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

