

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028270.D
 Acq On : 03 Oct 2022 10:53
 Operator : SY/MD
 Sample : VSTD00153
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001253

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/04/2022
 Supervised By :Mahesh Dadoda 10/04/2022

Quant Time: Oct 04 01:52:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	184004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	179488	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	12521	0.656	ug/L	0.00
7) Chloroethane-d5	1.561	69	10600	0.699	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	24832	0.751	ug/L	0.00
20) 2-Butanone-d5	3.953	46	20031m	6.220	ug/L	0.07
24) Chloroform-d	4.342	84	25671	0.843	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	11757	0.812	ug/L	0.00
32) Benzene-d6	5.047	84	49050	0.833	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	14282	0.778	ug/L	0.00
41) Toluene-d8	7.313	98	40670	0.763	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	5059	0.763	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	17444	6.306	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10680	0.852	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	15235	0.856	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	12590	0.916	ug/L	92
3) Chloromethane	1.236	50	12920	0.710	ug/L	95
5) Vinyl chloride	1.304	62	14363	1.007	ug/L	92
6) Bromomethane	1.516	94	6615	0.712	ug/L	97
8) Chloroethane	1.577	64	10600	1.108	ug/L #	72
9) Trichlorofluoromethane	1.748	101	21612	0.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12095	0.926	ug/L	98
12) 1,1-Dichloroethene	2.111	96	12413	0.976	ug/L	76
13) Acetone	2.198	43	14503m	5.846	ug/L	
14) Carbon disulfide	2.285	76	38380	1.573	ug/L	99
15) Methyl Acetate	2.439	43	3574	0.742	ug/L #	81
16) Methylene chloride	2.500	84	15014	1.058	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	24474	0.895	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	13199	1.186	ug/L	95
19) 1,1-Dichloroethane	3.182	63	22696	0.935	ug/L	96
21) 2-Butanone	4.018	43	20720m	6.747	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	12739	0.872	ug/L	87
23) Bromochloromethane	4.246	128	5653	0.967	ug/L #	69
25) Chloroform	4.371	83	25184	0.966	ug/L	97
27) 1,2-Dichloroethane	5.133	62	13207	0.951	ug/L #	89
29) 1,1,1-Trichloroethane	4.603	97	20759	0.941	ug/L	96
30) Cyclohexane	4.670	56	17369	1.089	ug/L	92
31) Carbon tetrachloride	4.822	117	19156	1.056	ug/L	98
33) Benzene	5.095	78	50170	1.007	ug/L	100
34) Trichloroethene	5.912	95	12606	1.016	ug/L	91
35) Methylcyclohexane	6.124	83	19134	1.125	ug/L	94
37) 1,2-Dichloropropane	6.172	63	10848	0.776	ug/L	98
38) Bromodichloromethane	6.506	83	15877	0.920	ug/L	90
39) cis-1,3-Dichloropropene	7.027	75	16045	0.924	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	46969	6.922	ug/L	98
42) Toluene	7.384	91	48963	0.942	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	12681	0.850	ug/L	93

10/04/2022

Supervised By :Mahesh Dadoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
45) 1,1,2-Trichloroethane	7.841	97	8654	0.924	ug/L	98	10/04/2022
47) Tetrachloroethene	7.973	164	11401	1.151	ug/L	92	
48) 2-Hexanone	8.143	43	31640	6.142	ug/L #	94	
49) Dibromochloromethane	8.243	129	11024	0.979	ug/L	97	
50) 1,2-Dibromoethane	8.352	107	7474	0.918	ug/L	95	
51) Chlorobenzene	8.879	112	34163	0.980	ug/L	95	
52) Ethylbenzene	9.011	91	49678	0.903	ug/L	98	
53) m,p-Xylene	9.136	106	19316	0.916	ug/L	97	
54) o-Xylene	9.542	106	17400	0.836	ug/L	98	
55) Styrene	9.561	104	28694	0.796	ug/L	93	
57) 1,1,2,2-Tetrachloroethane	10.236	83	9889	0.906	ug/L #	97	
59) Bromoform	9.731	173	5474	0.950	ug/L	99	
60) Isopropylbenzene	9.927	105	47083	0.884	ug/L	98	
61) 1,2,3-Trichloropropane	10.271	75	6983	0.918	ug/L	98	
62) 1,3,5-Trimethylbenzene	10.535	105	13791	0.919	ug/L	99	
63) 1,2,4-Trimethylbenzene	10.911	105	35179	0.839	ug/L	99	
64) 1,3-Dichlorobenzene	11.181	146	24989	0.943	ug/L	96	
65) 1,4-Dichlorobenzene	11.268	146	25025	0.944	ug/L	98	
67) 1,2-Dichlorobenzene	11.641	146	22543	0.901	ug/L	98	
68) 1,2-Dibromo-3-chloropr...	12.429	75	1638	0.982	ug/L	93	
69) 1,3,5-Trichlorobenzene	12.641	180	20032	0.955	ug/L	99	
70) 1,2,4-trichlorobenzene	13.258	180	14613	0.871	ug/L	99	
71) Naphthalene	13.503	128	19797	0.721	ug/L	100	
72) 1,2,3-Trichlorobenzene	13.741	180	13016	0.858	ug/L	97	

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

