

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020922\
 Data File : VW024562.D
 Acq On : 09 Feb 2022 09:44
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5203

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022

Quant Time: Feb 09 13:20:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 09 13:19:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	163207	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	6537	0.465	ug/L	0.00
7) Chloroethane-d5	1.568	69	5512	0.452	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	14228	0.514	ug/L	0.00
20) 2-Butanone-d5	3.937	46	9627m	4.354	ug/L	0.04
24) Chloroform-d	4.346	84	11222	0.424	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	4808	0.402	ug/L	0.00
32) Benzene-d6	5.050	84	21009	0.445	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	6598	0.447	ug/L	0.00
41) Toluene-d8	7.317	98	19209	0.445	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2535	0.484	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	7302	4.021	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3493	0.394	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	6053	0.446	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	11035	0.577	ug/L	99
3) Chloromethane	1.243	50	10343	0.595	ug/L	97
5) Vinyl chloride	1.310	62	11061	0.625	ug/L	100
6) Bromomethane	1.523	94	7252	0.653	ug/L	97
8) Chloroethane	1.587	64	6946	0.660	ug/L	97
9) Trichlorofluoromethane	1.754	101	14821	0.588	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	8614	0.621	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	8518	0.652	ug/L	95
13) Acetone	2.198	43	10912m	9.007	ug/L	
14) Carbon disulfide	2.294	76	27997	0.698	ug/L	99
15) Methyl Acetate	2.436	43	2934m	0.904	ug/L	
16) Methylene chloride	2.507	84	9688	0.734	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	16634	0.686	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	8194	0.650	ug/L	95
19) 1,1-Dichloroethane	3.188	63	14423	0.622	ug/L	95
21) 2-Butanone	4.008	43	14734m	6.553	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	8258	0.646	ug/L	100
23) Bromochloromethane	4.249	128	3171	0.577	ug/L	88
25) Chloroform	4.375	83	15972	0.612	ug/L	98
27) 1,2-Dichloroethane	5.133	62	7982	0.628	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	13242	0.657	ug/L	98
30) Cyclohexane	4.670	56	13575	0.693	ug/L	98
31) Carbon tetrachloride	4.825	117	11245	0.630	ug/L	94
33) Benzene	5.098	78	31352	0.672	ug/L	100
34) Trichloroethene	5.915	95	8612	0.656	ug/L	92
35) Methylcyclohexane	6.124	83	13818	0.679	ug/L	99
37) 1,2-Dichloropropane	6.172	63	7686	0.679	ug/L #	93
38) Bromodichloromethane	6.510	83	10104	0.653	ug/L #	96
39) cis-1,3-Dichloropropene	7.030	75	10772	0.677	ug/L	91
40) 4-Methyl-2-pentanone	7.230	43	36241	6.680	ug/L	99
42) Toluene	7.387	91	33475	0.677	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	8808	0.667	ug/L	100

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

45) 1,1,2-Trichloroethane	7.841	97	4769	0.625	ug/L	92
47) Tetrachloroethene	7.973	164	5917	0.599	ug/L	94
48) 2-Hexanone	8.146	43	23376	5.969	ug/L	98
49) Dibromochloromethane	8.246	129	5824	0.623	ug/L	88
50) 1,2-Dibromoethane	8.355	107	4420	0.620	ug/L #	96
51) Chlorobenzene	8.879	112	21194	0.669	ug/L	93
52) Ethylbenzene	9.011	91	37253	0.700	ug/L	97
53) m,p-xylene	9.140	106	13903	0.692	ug/L	87
54) o-xylene	9.542	106	13613	0.723	ug/L	96
55) Styrene	9.561	104	21285	0.683	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	4683	0.620	ug/L	92
59) Bromoform	9.731	173	2425	0.573	ug/L #	96
60) Isopropylbenzene	9.931	105	36447	0.796	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	3853	0.685	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	31161	0.831	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	30969	0.815	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	15108	0.700	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	15217	0.692	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	13172	0.668	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	635	0.580	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.644	180	10798	0.632	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	8010	0.602	ug/L	95
71) Naphthalene	13.506	128	14160	0.754	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	6913	0.614	ug/L	96

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

