

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020922\
 Data File : VW024563.D
 Acq On : 09 Feb 2022 10:38
 Operator : SY/MD
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001204

Manual Integrations
 APPROVED

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

Quant Time: Feb 09 13:21:04 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	5.613	114	163790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	14837	1.053	ug/L	0.00
7) Chloroethane-d5	1.561	69	12505	1.021	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	30448	1.096	ug/L	0.00
20) 2-Butanone-d5	3.992	46	24059m	10.842	ug/L	0.09
24) Chloroform-d	4.346	84	23286	0.877	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	10957	0.913	ug/L	0.00
32) Benzene-d6	5.047	84	44822	0.922	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	15647m	1.030	ug/L	0.00
41) Toluene-d8	7.313	98	41966	0.944	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	5524	1.023	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	18913	10.109	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	7770	0.851	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	13143	0.933	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	19160	0.998	ug/L	95
3) Chloromethane	1.236	50	22400	1.284	ug/L	100
5) Vinyl chloride	1.304	62	23615	1.329	ug/L	96
6) Bromomethane	1.516	94	13981	1.254	ug/L	96
8) Chloroethane	1.581	64	14486	1.371	ug/L	95
9) Trichlorofluoromethane	1.748	101	29400	1.162	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	15516	1.115	ug/L	88
12) 1,1-Dichloroethene	2.114	96	16654	1.271	ug/L	96
13) Acetone	2.275	43	21680m	17.831	ug/L	
14) Carbon disulfide	2.288	76	56422	1.401	ug/L	100
15) Methyl Acetate	2.462	43	6812	2.090	ug/L #	65
16) Methylene chloride	2.503	84	18116	1.367	ug/L	91
17) Methyl tert-butyl Ether	2.773	73	37896	1.556	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	17592	1.391	ug/L	91
19) 1,1-Dichloroethane	3.182	63	26913	1.156	ug/L	97
21) 2-Butanone	4.066	43	30590m	13.556	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	15518	1.210	ug/L	98
23) Bromochloromethane	4.243	128	5792	1.050	ug/L	86
25) Chloroform	4.371	83	28000	1.069	ug/L	99
27) 1,2-Dichloroethane	5.133	62	15509	1.215	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	24419	1.176	ug/L	97
30) Cyclohexane	4.664	56	25285	1.253	ug/L	95
31) Carbon tetrachloride	4.822	117	20353	1.107	ug/L	99
33) Benzene	5.095	78	57501	1.197	ug/L	100
34) Trichloroethene	5.912	95	16438	1.215	ug/L	87
35) Methylcyclohexane	6.124	83	25887	1.234	ug/L	98
37) 1,2-Dichloropropane	6.175	63	14262	1.222	ug/L #	92
38) Bromodichloromethane	6.510	83	18869	1.184	ug/L #	94
39) cis-1,3-Dichloropropene	7.027	75	21053	1.285	ug/L	98
40) 4-Methyl-2-pentanone	7.236	43	73702	13.187	ug/L	98
42) Toluene	7.384	91	63633	1.250	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	17082	1.255	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	9253	1.176	ug/L	97
47) Tetrachloroethene	7.973	164	10750	1.056	ug/L	91
48) 2-Hexanone	8.149	43	48492	12.020	ug/L	97
49) Dibromochloromethane	8.246	129	10599	1.101	ug/L	98
50) 1,2-Dibromoethane	8.355	107	8394	1.143	ug/L	96
51) Chlorobenzene	8.879	112	38782	1.188	ug/L	91
52) Ethylbenzene	9.011	91	70180	1.280	ug/L	96
53) m,p-xylene	9.136	106	26322	1.272	ug/L	96
54) o-xylene	9.542	106	25043	1.291	ug/L	93
55) Styrene	9.561	104	40486	1.262	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	8748	1.125	ug/L #	97
59) Bromoform	9.731	173	4496	1.024	ug/L	96
60) Isopropylbenzene	9.931	105	67446	1.420	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	7353	1.261	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	57842	1.486	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	56033	1.421	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	27814	1.242	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	27093	1.188	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	25519	1.247	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	1416	1.246	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.644	180	18852	1.064	ug/L #	98
70) 1,2,4-trichlorobenzene	13.262	180	15453	1.120	ug/L #	96
71) Naphthalene	13.503	128	27936	1.435	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	12595	1.079	ug/L	94

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

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