

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031236.D
 Acq On : 25 May 2023 16:18
 Operator : SY/MD
 Sample : VSTD00145
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001245

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 26 06:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140800	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	15113	0.969	ug/L	0.00
7) Chloroethane-d5	1.535	69	11814	0.970	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	6073	0.942	ug/L	0.00
20) 2-Butanone-d5	3.838	46	30089m	8.923	ug/L	0.03
24) Chloroform-d	4.262	84	29933	0.967	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	15354	1.004	ug/L	0.00
32) Benzene-d6	4.973	84	49087	0.983	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	17770	1.064	ug/L	0.00
41) Toluene-d8	7.252	98	37510	0.860	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	5203	0.969	ug/L	0.00
46) 2-Hexanone-d5	8.040	63	16751m	7.798	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	11459	0.972	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	15566	0.959	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	15179	1.002	ug/L	98
3) Chloromethane	1.217	50	19457	1.148	ug/L	95
5) Vinyl chloride	1.285	62	16065	0.980	ug/L	95
6) Bromomethane	1.494	94	8960	1.107	ug/L	87
8) Chloroethane	1.555	64	9363	1.084	ug/L	93
9) Trichlorofluoromethane	1.719	101	23148	1.027	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	11398	0.955	ug/L	97
12) 1,1-Dichloroethene	2.076	96	8905	0.934	ug/L	67
13) Acetone	2.143	43	24709m	9.279	ug/L	
14) Carbon disulfide	2.246	76	27977	0.991	ug/L	97
15) Methyl Acetate	2.391	43	4847	0.922	ug/L #	78
16) Methylene chloride	2.455	84	22177	1.348	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	25530	0.971	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	10572	0.995	ug/L	94
19) 1,1-Dichloroethane	3.121	63	27734	1.058	ug/L	95
21) 2-Butanone	3.915	43	30901m	9.259	ug/L	
22) cis-1,2-Dichloroethene	3.834	96	11885	0.973	ug/L	95
23) Bromochloromethane	4.169	128	5161	0.949	ug/L	93
25) Chloroform	4.291	83	27228	1.016	ug/L	94
27) 1,2-Dichloroethane	5.059	62	15488	1.018	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	25080	1.126	ug/L	97
30) Cyclohexane	4.590	56	16414	0.962	ug/L	96
31) Carbon tetrachloride	4.747	117	21958	1.143	ug/L	95
33) Benzene	5.021	78	48438	1.087	ug/L	100
34) Trichloroethene	5.844	95	13090	1.094	ug/L	96
35) Methylcyclohexane	6.056	83	17199	1.039	ug/L	97
37) 1,2-Dichloropropane	6.101	63	13760	1.054	ug/L	100
38) Bromodichloromethane	6.442	83	17495	1.069	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	14831	0.959	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	56290	8.804	ug/L	98
42) Toluene	7.323	91	39452	0.901	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	12825	0.956	ug/L	99

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45) 1,1,2-Trichloroethane	7.776	97	7732	0.980	ug/L	88
47) Tetrachloroethene	7.915	164	9148	1.054	ug/L	97
48) 2-Hexanone	8.091	43	46555m	9.877	ug/L	
49) Dibromochloromethane	8.185	129	10136	1.069	ug/L	98
50) 1,2-Dibromoethane	8.294	107	7287	1.000	ug/L #	97
51) Chlorobenzene	8.821	112	30350	1.054	ug/L	94
52) Ethylbenzene	8.953	91	46706	0.968	ug/L	100
53) m,p-Xylene	9.082	106	16832	0.944	ug/L	85
54) o-Xylene	9.487	106	15873	0.935	ug/L	98
55) Styrene	9.506	104	27353	0.914	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	10467	1.050	ug/L	98
59) Bromoform	9.677	173	6008	1.073	ug/L	96
60) Isopropylbenzene	9.873	105	47045	0.933	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	8145	1.077	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	37238	0.911	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	36841	0.880	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	25527	1.069	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	23792	0.974	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	24583	1.074	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	1907	1.197	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.590	180	20767	1.071	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	14965	0.966	ug/L	99
71) Naphthalene	13.448	128	20440	0.891	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	12684	0.951	ug/L	99

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

