

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031229.D
 Acq On : 25 May 2023 12:45
 Operator : SY/MD
 Sample : VSTD0.539
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5239

Manual Integrations
 APPROVED

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

Quant Time: May 26 06:03:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:03:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	134550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	119973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	7373	0.625	ug/L	0.00
7) Chloroethane-d5	1.536	69	5582	0.581	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3299	0.551	ug/L	0.00
20) 2-Butanone-d5	3.863	46	14511m	6.516	ug/L	0.05
24) Chloroform-d	4.265	84	14622	0.622	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	6134	0.511	ug/L	0.00
32) Benzene-d6	4.970	84	21680	0.565	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	7507	0.637	ug/L	0.00
41) Toluene-d8	7.252	98	15936	0.439	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1762	0.418	ug/L	0.00
46) 2-Hexanone-d5	8.050	63	6317	4.148	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4394	0.536	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	5471	0.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	7444	0.642	ug/L	90
3) Chloromethane	1.217	50	12947	0.972	ug/L	98
5) Vinyl chloride	1.285	62	8686	0.746	ug/L	100
6) Bromomethane	1.491	94	4334	0.774	ug/L	96
8) Chloroethane	1.555	64	5095	0.746	ug/L	100
9) Trichlorofluoromethane	1.716	101	11409	0.566	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	6280	0.605	ug/L	95
12) 1,1-Dichloroethene	2.073	96	4928	0.533	ug/L	87
13) Acetone	2.143	43	13651	7.315	ug/L	87
14) Carbon disulfide	2.246	76	13911	0.564	ug/L	99
15) Methyl Acetate	2.394	43	4678m	1.249	ug/L	
16) Methylene chloride	2.452	84	20782	1.678	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	11983	0.629	ug/L #	93
18) trans-1,2-Dichloroethene	2.700	96	5287	0.600	ug/L	91
19) 1,1-Dichloroethane	3.117	63	13301	0.733	ug/L	90
21) 2-Butanone	3.925	43	13563m	6.308	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	5700	0.603	ug/L	94
23) Bromochloromethane	4.159	128	2556	0.573	ug/L #	88
25) Chloroform	4.294	83	13204	0.684	ug/L	99
27) 1,2-Dichloroethane	5.056	62	7060	0.596	ug/L #	86
29) 1,1,1-Trichloroethane	4.519	97	12142	0.724	ug/L	97
30) Cyclohexane	4.593	56	7618	0.599	ug/L	98
31) Carbon tetrachloride	4.748	117	10497	0.702	ug/L	99
33) Benzene	5.021	78	22069	0.650	ug/L	100
34) Trichloroethene	5.844	95	6789	0.753	ug/L	92
35) Methylcyclohexane	6.056	83	7763m	0.574	ug/L	
37) 1,2-Dichloropropane	6.098	63	7191	0.841	ug/L	98
38) Bromodichloromethane	6.442	83	8957	0.741	ug/L #	97
39) cis-1,3-Dichloropropene	6.969	75	7395m	0.603	ug/L	
40) 4-Methyl-2-pentanone	7.172	43	25579	5.728	ug/L	96
42) Toluene	7.323	91	19176	0.531	ug/L	94
44) trans-1,3-Dichloropropene	7.596	75	6239	0.601	ug/L	96

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

45) 1,1,2-Trichloroethane	7.783	97	3912	0.639	ug/L	91
47) Tetrachloroethene	7.912	164	4349	0.548	ug/L	95
48) 2-Hexanone	8.095	43	15994	4.860	ug/L #	97
49) Dibromochloromethane	8.182	129	4146	0.573	ug/L	97
50) 1,2-Dibromoethane	8.294	107	3070	0.581	ug/L #	82
51) Chlorobenzene	8.821	112	13449	0.569	ug/L	97
52) Ethylbenzene	8.953	91	19453	0.510	ug/L	97
53) m,p-Xylene	9.079	106	7548	0.504	ug/L	90
54) o-Xylene	9.487	106	6553	0.461	ug/L	99
55) Styrene	9.506	104	10578	0.435	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.188	83	4475	0.651	ug/L #	95
59) Bromoform	9.674	173	2105	0.601	ug/L	97
60) Isopropylbenzene	9.873	105	15848	0.492	ug/L #	95
61) 1,2,3-Trichloropropane	10.217	75	3288	0.812	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	16238	0.625	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	14744	0.555	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	9427	0.594	ug/L	90
65) 1,4-Dichlorobenzene	11.214	146	11242	0.691	ug/L	95
67) 1,2-Dichlorobenzene	11.590	146	9523	0.646	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.378	75	741	0.793	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.590	180	7910	0.637	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	5371	0.545	ug/L	97
71) Naphthalene	13.451	128	8693	0.624	ug/L	97
72) 1,2,3-Trichlorobenzene	13.693	180	5248	0.617	ug/L	93

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

Manual Integrations

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