

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046780.D
 Acq On : 18 Jan 2022 13:41
 Operator : SY/MD
 Sample : VSTD0.550
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

Quant Time: Jan 19 06:02:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	123027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	5209	0.532	ug/L	0.00
7) Chloroethane-d5	1.919	69	3938	0.506	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	1880	0.455	ug/L	0.00
20) 2-Butanone-d5	4.674	46	13351m	4.542	ug/L	0.02
24) Chloroform-d	5.067	84	9242	0.520	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	4942	0.488	ug/L	0.00
32) Benzene-d6	5.729	84	18591	0.530	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	5562	0.527	ug/L	0.00
41) Toluene-d8	7.899	98	16894	0.528	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	2432	0.502	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	12664	4.393	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	5725	0.523	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6918	0.547	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5301	0.305	ug/L	99
3) Chloromethane	1.523	50	4571	0.307	ug/L	100
5) Vinyl chloride	1.607	62	4470	0.303	ug/L	94
6) Bromomethane	1.864	94	2845	0.317	ug/L	95
8) Chloroethane	1.938	64	2434	0.282	ug/L	92
9) Trichlorofluoromethane	2.144	101	5587	0.291	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3340	0.335	ug/L	93
12) 1,1-Dichloroethene	2.588	96	3155	0.313	ug/L	75
13) Acetone	2.687	43	9594	3.877	ug/L	83
14) Carbon disulfide	2.800	76	10524	0.320	ug/L	96
15) Methyl Acetate	2.974	43	1706	0.352	ug/L #	72
17) Methyl tert-butyl Ether	3.369	73	8359	0.289	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	3468	0.324	ug/L	84
19) 1,1-Dichloroethane	3.871	63	5607	0.288	ug/L	96
21) 2-Butanone	4.745	43	16379	4.418	ug/L #	70
22) cis-1,2-Dichloroethene	4.674	96	3505	0.300	ug/L	92
23) Bromochloromethane	4.977	128	1748	0.302	ug/L #	82
27) 1,2-Dichloroethane	5.797	62	3760	0.253	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	4971	0.265	ug/L	96
30) Cyclohexane	5.388	56	4884	0.307	ug/L	91
31) Carbon tetrachloride	5.526	117	4458	0.283	ug/L	97
33) Benzene	5.777	78	13527	0.298	ug/L	100
34) Trichloroethene	6.546	95	3614	0.301	ug/L	98
35) Methylcyclohexane	6.764	83	5571	0.322	ug/L	93
37) 1,2-Dichloropropane	6.793	63	3155	0.275	ug/L #	88
38) Bromodichloromethane	7.108	83	5806	0.364	ug/L	93
39) cis-1,3-Dichloropropene	7.610	75	4794	0.273	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	22850	2.646	ug/L	94
42) Toluene	7.970	91	23540	0.502	ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	4297	0.265	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	2780	0.279	ug/L	96
47) Tetrachloroethene	8.555	164	2940	0.337	ug/L	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.813	129	3384	0.294	ug/L	86
50) 1,2-Dibromoethane	8.928	107	2919	0.301	ug/L #	93
51) Chlorobenzene	9.449	112	9575	0.316	ug/L	98
52) Ethylbenzene	9.571	91	14697	0.300	ug/L	99
53) m,p-Xylene	9.694	106	5938	0.314	ug/L	97
54) o-Xylene	10.099	106	5881	0.326	ug/L	90
55) Styrene	10.115	104	8394	0.270	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.787	83	3889	0.295	ug/L #	91
59) Bromoform	10.295	173	1878	0.265	ug/L #	88
60) Isopropylbenzene	10.484	105	13295	0.276	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	2864	0.280	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	10815	0.271	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	11172	0.278	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	7671	0.325	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	7652	0.316	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	7243	0.306	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.996	75	524	0.224	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.221	180	5944	0.330	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	4967	0.324	ug/L	98
71) Naphthalene	14.089	128	9053	0.273	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	4663	0.312	ug/L	96

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

