

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046776.D
 Acq On : 18 Jan 2022 11:42
 Operator : SY/MD
 Sample : VSTD00547
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005047

Manual Integrations
 APPROVED

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

Quant Time: Jan 19 06:00:51 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	130484	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	136273	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	56560	5.443	ug/L	0.00
7) Chloroethane-d5	1.919	69	45110	5.464	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	23341	5.327	ug/L	0.00
20) 2-Butanone-d5	4.655	46	180649	57.949	ug/L	0.00
24) Chloroform-d	5.067	84	98155	5.203	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	54270	5.051	ug/L	0.00
32) Benzene-d6	5.729	84	203438	5.356	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	61172	5.356	ug/L	0.00
41) Toluene-d8	7.899	98	188637	5.450	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	26592	5.072	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	170530	54.649	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62395	5.263	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	73145	5.089	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	65830	3.566	ug/L	99
3) Chloromethane	1.523	50	54034	3.427	ug/L	99
5) Vinyl chloride	1.607	62	56762	3.629	ug/L	99
6) Bromomethane	1.864	94	35456	3.723	ug/L	98
8) Chloroethane	1.938	64	32472	3.549	ug/L	98
9) Trichlorofluoromethane	2.144	101	68178	3.349	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	40829	3.863	ug/L	94
12) 1,1-Dichloroethene	2.584	96	39651	3.703	ug/L	89
13) Acetone	2.681	43	95768m	36.485	ug/L	
14) Carbon disulfide	2.800	76	127547	3.659	ug/L	99
15) Methyl Acetate	2.970	43	19563	3.800	ug/L	93
16) Methylene chloride	3.051	84	45215	3.478	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	110067	3.593	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	41614	3.670	ug/L	90
19) 1,1-Dichloroethane	3.874	63	71830	3.476	ug/L	99
21) 2-Butanone	4.732	43	146732	37.319	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	45619	3.677	ug/L	96
23) Bromochloromethane	4.980	128	22146	3.603	ug/L	86
25) Chloroform	5.092	83	97707	4.215	ug/L	98
27) 1,2-Dichloroethane	5.800	62	50626	3.214	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	66032	3.256	ug/L	97
30) Cyclohexane	5.391	56	66833	3.877	ug/L	93
31) Carbon tetrachloride	5.526	117	55180	3.233	ug/L	100
33) Benzene	5.777	78	170428	3.466	ug/L	100
34) Trichloroethene	6.546	95	44089	3.390	ug/L	97
35) Methylcyclohexane	6.768	83	75115	4.013	ug/L	94
37) 1,2-Dichloropropane	6.793	63	42091	3.395	ug/L #	98
38) Bromodichloromethane	7.108	83	55866	3.235	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	65748	3.464	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	323116	34.565	ug/L #	95
42) Toluene	7.970	91	185891	3.660	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	59135	3.375	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	36220	3.363	ug/L	96
47) Tetrachloroethene	8.555	164	36480	3.858	ug/L	90
48) 2-Hexanone	8.690	43	244992	34.862	ug/L #	96
49) Dibromochloromethane	8.812	129	41227	3.311	ug/L	99
50) 1,2-Dibromoethane	8.925	107	36629	3.493	ug/L	98
51) Chlorobenzene	9.449	112	118093	3.597	ug/L	96
52) Ethylbenzene	9.571	91	197218	3.714	ug/L	98
53) m,p-Xylene	9.697	106	79686	3.897	ug/L	98
54) o-Xylene	10.102	106	75723	3.882	ug/L	99
55) Styrene	10.115	104	127243	3.784	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	48680	3.417	ug/L	95
59) Bromoform	10.291	173	25966	3.217	ug/L	98
60) Isopropylbenzene	10.484	105	201337	3.679	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	35686	3.074	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	164811	3.637	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	170756	3.736	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	96820	3.605	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	97218	3.532	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	93784	3.490	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7600	2.859	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.221	180	75063	3.668	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	65012	3.733	ug/L	97
71) Naphthalene	14.086	128	130751	3.475	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	60564	3.560	ug/L	97

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

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