

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047040.D
 Acq On : 04 Feb 2022 12:04
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5053

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

Quant Time: Feb 05 01:06:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	86720	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	47772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	5342	0.653	ug/L	0.00
7) Chloroethane-d5	1.916	69	4309	0.675	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	1692	0.531	ug/L	0.00
20) 2-Butanone-d5	4.645	46	9754	4.496	ug/L	0.01
24) Chloroform-d	5.070	84	8512	0.606	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	4222	0.562	ug/L	0.00
32) Benzene-d6	5.732	84	14786	0.480	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	5024	0.544	ug/L	0.00
41) Toluene-d8	7.902	98	11958	0.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	1662	0.415	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	5993	2.729	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	4093	0.456	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	4308	0.467	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	3932	0.487	ug/L	100
3) Chloromethane	1.526	50	5315	0.729	ug/L	98
5) Vinyl chloride	1.607	62	5180	0.690	ug/L	98
6) Bromomethane	1.861	94	2752	0.604	ug/L	98
8) Chloroethane	1.938	64	3139	0.716	ug/L	94
9) Trichlorofluoromethane	2.144	101	6524	0.700	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	3773	0.682	ug/L	96
12) 1,1-Dichloroethene	2.584	96	3168	0.613	ug/L	94
13) Acetone	2.645	43	7256	6.072	ug/L	94
14) Carbon disulfide	2.797	76	10783	0.649	ug/L	98
15) Methyl Acetate	2.967	43	1333	0.507	ug/L #	72
17) Methyl tert-butyl Ether	3.369	73	6451	0.476	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	3486	0.634	ug/L	90
19) 1,1-Dichloroethane	3.877	63	6265	0.658	ug/L	93
21) 2-Butanone	4.723	43	8756	4.607	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	3316m	0.570	ug/L	
23) Bromochloromethane	4.986	128	1634	0.575	ug/L	95
25) Chloroform	5.092	83	8564	0.604	ug/L	96
27) 1,2-Dichloroethane	5.803	62	4220	0.646	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	5614	0.601	ug/L	98
30) Cyclohexane	5.394	56	3737	0.414	ug/L	97
31) Carbon tetrachloride	5.533	117	4996	0.624	ug/L	85
33) Benzene	5.777	78	12573	0.518	ug/L	100
34) Trichloroethene	6.546	95	3551	0.571	ug/L	90
35) Methylcyclohexane	6.767	83	3785	0.376	ug/L	93
37) 1,2-Dichloropropane	6.796	63	3630	0.598	ug/L #	88
38) Bromodichloromethane	7.111	83	4839	0.563	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	4016	0.446	ug/L	90
40) 4-Methyl-2-pentanone	7.796	43	16305	3.957	ug/L	91
42) Toluene	7.976	91	11391	0.393	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	3667	0.455	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	2636	0.525	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.555	164	2713	0.540	ug/L	97
49) Dibromochloromethane	8.816	129	3120	0.530	ug/L	96
50) 1,2-Dibromoethane	8.928	107	2390	0.483	ug/L #	90
51) Chlorobenzene	9.452	112	8769	0.524	ug/L	95
52) Ethylbenzene	9.574	91	11749	0.436	ug/L	97
53) m,p-Xylene	9.700	106	4067	0.380	ug/L	89
54) o-Xylene	10.105	106	3535	0.340	ug/L	89
55) Styrene	10.118	104	6138	0.357	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.787	83	3459	0.520	ug/L #	96
59) Bromoform	10.295	173	1490	0.512	ug/L #	94
60) Isopropylbenzene	10.488	105	9222	0.412	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	2114	0.518	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	7156	0.400	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	6646	0.361	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	5917	0.520	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	6415	0.556	ug/L	90
67) 1,2-Dichlorobenzene	12.217	146	5979	0.545	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.002	75	525	0.636	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.224	180	4753	0.538	ug/L	96
70) 1,2,4-trichlorobenzene	13.844	180	3528	0.486	ug/L	95
71) Naphthalene	14.089	128	5415	0.379	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	3286	0.473	ug/L	96

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

