

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042454.D
 Acq On : 01 Mar 2021 09:36
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001324

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:48:13 PM

Quant Time: Mar 02 14:24:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 02 14:22:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	103557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	95711	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	51596	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	4002	0.91	ug/L	0.00
7) Chloroethane-d5	1.922	69	4118	0.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2375	0.85	ug/L	0.00
20) 2-Butanone-d5	4.652	46	21340	8.58	ug/L	0.00
24) Chloroform-d	5.076	84	11768	0.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	7651	0.88	ug/L	0.00
32) Benzene-d6	5.738	84	20169	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	7334	0.92	ug/L	0.00
41) Toluene-d8	7.909	98	20435	0.92	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	2720	0.84	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	14502	8.16	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	6145	0.85	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	7857	0.88	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	9289	0.94	ug/L	99
3) Chloromethane	1.523	50	8566	0.94	ug/L	99
5) Vinyl chloride	1.607	62	8512	0.94	ug/L	99
6) Bromomethane	1.864	94	4956	0.93	ug/L	95
8) Chloroethane	1.941	64	5198	0.96	ug/L	95
9) Trichlorofluoromethane	2.144	101	13572	0.93	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	7003	0.93	ug/L	98
12) 1,1-Dichloroethene	2.587	96	6506	0.91	ug/L	91
13) Acetone	2.658	43	16680m	10.20	ug/L	
14) Carbon disulfide	2.803	76	21776	0.92	ug/L	99
15) Methyl Acetate	2.970	43	3810	0.91	ug/L	98
16) Methylene chloride	3.057	84	8186	1.01	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	18779	0.91	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	7009	0.92	ug/L	90
19) 1,1-Dichloroethane	3.880	63	13861	0.94	ug/L	97
21) 2-Butanone	4.732	43	25198	8.50	ug/L	94
22) cis-1,2-Dichloroethene	4.674	96	7334	0.90	ug/L	94
23) Bromochloromethane	4.989	128	3485	0.89	ug/L	88
25) Chloroform	5.099	83	14347	0.93	ug/L	94
27) 1,2-Dichloroethane	5.806	62	10626	0.92	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	12986	0.96	ug/L	97
30) Cyclohexane	5.398	56	12632	0.95	ug/L	99
31) Carbon tetrachloride	5.533	117	10463	0.91	ug/L	97
33) Benzene	5.787	78	28453	0.95	ug/L	100
34) Trichloroethene	6.549	95	7569	0.94	ug/L	92
35) Methylcyclohexane	6.771	83	11430	0.92	ug/L	95
37) 1,2-Dichloropropane	6.800	63	7574	0.93	ug/L	99
38) Bromodichloromethane	7.115	83	10122	0.95	ug/L	93
39) cis-1,3-Dichloropropene	7.616	75	10414	0.86	ug/L	96
40) 4-Methyl-2-pentanone	7.806	43	64409	9.15	ug/L	100
42) Toluene	7.976	91	30240	0.93	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	9640	0.89	ug/L	89

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45) 1,1,2-Trichloroethane	8.407	97	5375	0.91	ug/L	98
47) Tetrachloroethene	8.562	164	6355	0.96	ug/L	96
48) 2-Hexanone	8.697	43	45270	8.79	ug/L	97
49) Dibromochloromethane	8.819	129	6593	0.87	ug/L	99
50) 1,2-Dibromoethane	8.934	107	5822	0.97	ug/L #	99
51) Chlorobenzene	9.455	112	19019	0.92	ug/L	97
52) Ethylbenzene	9.578	91	33227	0.91	ug/L	100
53) m,p-Xylene	9.703	106	12554	0.92	ug/L	98
54) o-Xylene	10.108	106	11744	0.90	ug/L	96
55) Styrene	10.124	104	19093	0.86	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	6998	0.88	ug/L	94
59) Bromoform	10.301	173	4176	0.90	ug/L	98
60) Isopropylbenzene	10.491	105	33394	0.95	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	5545	0.96	ug/L	95
62) 1,3,5-Trimethylbenzene	11.098	105	27296	0.92	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	27094	0.92	ug/L	98
64) 1,3-Dichlorobenzene	11.754	146	16092	0.95	ug/L	96
65) 1,4-Dichlorobenzene	11.844	146	15595	0.93	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	15032	0.94	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.008	75	1188	0.82	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.227	180	12996	0.95	ug/L	95
70) 1,2,4-trichlorobenzene	13.851	180	8800	0.81	ug/L	96
71) Naphthalene	14.098	128	11572	0.67	ug/L	98
72) 1,2,3-Trichlorobenzene	14.343	180	8026	0.82	ug/L	98

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

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