

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072321\
 Data File : VU044393.D
 Acq On : 23 Jul 2021 09:56
 Operator : SY/MD
 Sample : VSTD0.513
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5013

Manual Integrations
 APPROVED

MMDadoda
 7/30/2021 6:16:41 PM

Quant Time: Jul 24 00:30:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 24 00:29:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	192673	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	185546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	94201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	7250	0.619	ug/L	0.00
7) Chloroethane-d5	1.919	69	6116	0.549	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2834	0.496	ug/L	0.00
20) 2-Butanone-d5	4.652	46	19601m	4.829	ug/L	0.00
24) Chloroform-d	5.073	84	11672	0.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	7202	0.497	ug/L	0.00
32) Benzene-d6	5.739	84	24917	0.510	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	7688	0.491	ug/L	0.00
41) Toluene-d8	7.906	98	22940	0.514	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	2847	0.406	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	16886	4.779	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	6876	0.492	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	7756	0.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7434	0.583	ug/L	97
3) Chloromethane	1.523	50	8368	0.580	ug/L	99
5) Vinyl chloride	1.607	62	8485	0.567	ug/L	94
6) Bromomethane	1.864	94	4933	0.526	ug/L	96
8) Chloroethane	1.941	64	5017	0.513	ug/L	90
9) Trichlorofluoromethane	2.147	101	9459	0.483	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	5545	0.468	ug/L	98
12) 1,1-Dichloroethene	2.588	96	5481	0.473	ug/L	96
13) Acetone	2.655	43	9306m	5.124	ug/L	
14) Carbon disulfide	2.800	76	17829	0.497	ug/L	99
15) Methyl Acetate	2.967	43	2183	0.426	ug/L	94
16) Methylene chloride	3.054	84	10110	0.652	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	14824	0.440	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	5919	0.482	ug/L	97
19) 1,1-Dichloroethane	3.880	63	10515	0.454	ug/L	97
21) 2-Butanone	4.732	43	17909m	4.505	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	6285	0.467	ug/L	90
23) Bromochloromethane	4.989	128	2610	0.431	ug/L	95
25) Chloroform	5.099	83	11807	0.482	ug/L	100
27) 1,2-Dichloroethane	5.803	62	7166	0.441	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	8481	0.409	ug/L	96
30) Cyclohexane	5.401	56	9842	0.446	ug/L	98
31) Carbon tetrachloride	5.536	117	7291	0.414	ug/L	99
33) Benzene	5.784	78	24219	0.481	ug/L	100
34) Trichloroethene	6.552	95	6171	0.462	ug/L	98
35) Methylcyclohexane	6.768	83	10503	0.469	ug/L	98
37) 1,2-Dichloropropane	6.800	63	6269	0.476	ug/L #	94
38) Bromodichloromethane	7.115	83	7488	0.416	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	8280	0.391	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	42982	4.162	ug/L	97
42) Toluene	7.976	91	24864	0.453	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	6954	0.362	ug/L	85

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45) 1,1,2-Trichloroethane	8.407	97	4454	0.448	ug/L	98
47) Tetrachloroethene	8.558	164	4485	0.450	ug/L	93
48) 2-Hexanone	8.700	43	29686	4.024	ug/L	99
49) Dibromochloromethane	8.819	129	4591	0.378	ug/L	86
50) 1,2-Dibromoethane	8.935	107	4398	0.458	ug/L #	99
51) Chlorobenzene	9.455	112	16023	0.459	ug/L	96
52) Ethylbenzene	9.578	91	25968	0.416	ug/L	99
53) m,p-Xylene	9.700	106	9584	0.404	ug/L	100
54) o-Xylene	10.108	106	9503	0.412	ug/L	98
55) Styrene	10.121	104	16290	0.404	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	5787	0.437	ug/L	95
59) Bromoform	10.301	173	2434	0.374	ug/L #	93
60) Isopropylbenzene	10.491	105	25314	0.436	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	4722	0.535	ug/L	94
62) 1,3,5-Trimethylbenzene	11.095	105	19986	0.397	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	20178	0.391	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	12070	0.460	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	12791	0.483	ug/L	94
67) 1,2-Dichlorobenzene	12.221	146	11610	0.468	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.008	75	851	0.381	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	8433	0.425	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	6795	0.403	ug/L	98
71) Naphthalene	14.095	128	12596	0.403	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	6059	0.410	ug/L	97

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

