

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043111.D
 Acq On : 15 Apr 2021 10:06
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001132

Manual Integrations
 APPROVED

MMDadoda

4/19/2021 10:18:35 AM

Quant Time: Apr 16 04:05:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 04:00:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	123212	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.426	117	118390	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	61930	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.600	65	6446	0.82 ug/L	0.00
7) Chloroethane-d5	1.916	69	5993	0.98 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	3695	0.88 ug/L	0.00
20) 2-Butanone-d5	4.649	46	26752m	9.69 ug/L	0.00
24) Chloroform-d	5.073	84	15871	0.98 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	11101	1.10 ug/L	0.00
32) Benzene-d6	5.735	84	27497	0.95 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	9627	1.04 ug/L	0.00
41) Toluene-d8	7.906	98	28659	1.02 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	3916	0.91 ug/L	0.00
46) 2-Hexanone-d5	8.645	63	18835	9.01 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	7906	0.96 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	10878	0.98 ug/L	0.00
Target Compounds					
2) Dichlorodifluoromethane	1.388	85	7408	0.68 ug/L	97
3) Chloromethane	1.520	50	7927	0.77 ug/L	95
5) Vinyl chloride	1.607	62	7892	0.76 ug/L #	75
6) Bromomethane	1.861	94	4557	0.79 ug/L	98
8) Chloroethane	1.938	64	5445	0.85 ug/L	92
9) Trichlorofluoromethane	2.141	101	13431	0.78 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	7904	0.86 ug/L	98
12) 1,1-Dichloroethene	2.587	96	6331	0.75 ug/L #	72
13) Acetone	2.649	43	19935m	9.17 ug/L	
14) Carbon disulfide	2.800	76	16975	0.66 ug/L	98
15) Methyl Acetate	2.964	43	3563	0.71 ug/L #	87
16) Methylene chloride	3.054	84	8777	0.86 ug/L #	79
17) Methyl tert-butyl Ether	3.375	73	21528	0.89 ug/L #	93
18) trans-1,2-Dichloroethene	3.359	96	7000	0.79 ug/L	86
19) 1,1-Dichloroethane	3.880	63	15381	0.89 ug/L	95
21) 2-Butanone	4.729	43	31484m	8.70 ug/L	
22) cis-1,2-Dichloroethene	4.677	96	8428	0.88 ug/L	97
23) Bromochloromethane	4.989	128	3872	0.85 ug/L	88
25) Chloroform	5.099	83	16287	0.89 ug/L	93
27) 1,2-Dichloroethane	5.806	62	11702	0.86 ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	13989	0.86 ug/L	96
30) Cyclohexane	5.398	56	11837	0.75 ug/L	86
31) Carbon tetrachloride	5.536	117	11574	0.82 ug/L	97
33) Benzene	5.784	78	31074	0.86 ug/L	100
34) Trichloroethene	6.552	95	8500	0.85 ug/L	95
35) Methylcyclohexane	6.771	83	11306	0.75 ug/L	94
37) 1,2-Dichloropropane	6.800	63	8601	0.88 ug/L #	95
38) Bromodichloromethane	7.115	83	11375	0.88 ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	11627	0.81 ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	75063	8.66 ug/L #	83
42) Toluene	7.980	91	33898	0.86 ug/L	96
44) trans-1,3-Dichloropropene	8.217	75	11516	0.87 ug/L	95

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45) 1,1,2-Trichloroethane	8.407	97	6681	0.92	ug/L	97
47) Tetrachloroethene	8.562	164	6882	0.85	ug/L	82
48) 2-Hexanone	8.697	43	52607	8.24	ug/L #	83
49) Dibromochloromethane	8.819	129	7712	0.85	ug/L	95
50) 1,2-Dibromoethane	8.935	107	6279	0.88	ug/L #	99
51) Chlorobenzene	9.455	112	21403	0.85	ug/L	90
52) Ethylbenzene	9.578	91	37108	0.83	ug/L	97
53) m,p-Xylene	9.703	106	13390	0.81	ug/L	97
54) o-Xylene	10.108	106	13097	0.82	ug/L	88
55) Styrene	10.121	104	22839	0.84	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	8188	0.84	ug/L	97
59) Bromoform	10.298	173	4830	0.88	ug/L	96
60) Isopropylbenzene	10.491	105	36618	0.86	ug/L	97
61) 1,2,3-Trichloropropane	10.835	75	6277	0.88	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	28571	0.78	ug/L	100
63) 1,2,4-Trimethylbenzene	11.478	105	29735	0.79	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	17869	0.85	ug/L	93
65) 1,4-Dichlorobenzene	11.844	146	18313	0.88	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	17787	0.88	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.008	75	1435	0.84	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.227	180	14521	0.81	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	11534	0.78	ug/L	99
71) Naphthalene	14.095	128	18795	0.78	ug/L	100
72) 1,2,3-Trichlorobenzene	14.339	180	10532	0.78	ug/L	97

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

