

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072321\
 Data File : VU044394.D
 Acq On : 23 Jul 2021 10:26
 Operator : SY/MD
 Sample : VSTD00114
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001014

Manual Integrations
 APPROVED

MMDadoda
 7/30/2021 6:16:42 PM

Quant Time: Jul 24 00:30:59 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	6.256	114	197685	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	189757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	99950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16068	1.337	ug/L	0.00
7) Chloroethane-d5	1.919	69	14182	1.240	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	7073	1.207	ug/L	0.00
20) 2-Butanone-d5	4.649	46	47191m	11.331	ug/L	0.00
24) Chloroform-d	5.073	84	28617	1.132	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	16552	1.113	ug/L	0.00
32) Benzene-d6	5.735	84	59242	1.186	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	18300	1.143	ug/L	0.00
41) Toluene-d8	7.906	98	52748	1.155	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	6869	0.958	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	41775	11.561	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	16373	1.145	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	18638	1.092	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	16261	1.244	ug/L	97
3) Chloromethane	1.523	50	18138	1.225	ug/L	99
5) Vinyl chloride	1.607	62	18348	1.194	ug/L	97
6) Bromomethane	1.864	94	10267	1.068	ug/L	98
8) Chloroethane	1.938	64	10616	1.058	ug/L	96
9) Trichlorofluoromethane	2.144	101	20599	1.025	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	11977	0.985	ug/L	99
12) 1,1-Dichloroethene	2.588	96	11653	0.980	ug/L	89
13) Acetone	2.652	43	22008m	11.811	ug/L	
14) Carbon disulfide	2.800	76	37917	1.030	ug/L	99
15) Methyl Acetate	2.964	43	3971	0.756	ug/L #	80
16) Methylene chloride	3.054	84	18044	1.134	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	31615	0.915	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	12409	0.985	ug/L	97
19) 1,1-Dichloroethane	3.880	63	22763	0.958	ug/L	99
21) 2-Butanone	4.729	43	41467m	10.166	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	13972	1.012	ug/L	93
23) Bromochloromethane	4.983	128	5937	0.955	ug/L	98
25) Chloroform	5.099	83	23800	0.946	ug/L	99
27) 1,2-Dichloroethane	5.803	62	15690	0.941	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	18796	0.887	ug/L	99
30) Cyclohexane	5.394	56	21147	0.936	ug/L	99
31) Carbon tetrachloride	5.536	117	15399	0.855	ug/L	98
33) Benzene	5.784	78	53788	1.044	ug/L	100
34) Trichloroethene	6.552	95	13226	0.968	ug/L	99
35) Methylcyclohexane	6.771	83	22433	0.981	ug/L	99
37) 1,2-Dichloropropane	6.800	63	13583	1.009	ug/L	98
38) Bromodichloromethane	7.115	83	16314	0.886	ug/L	94
39) cis-1,3-Dichloropropene	7.616	75	18203	0.841	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	94661	8.964	ug/L	98
42) Toluene	7.976	91	55088	0.981	ug/L	100
44) trans-1,3-Dichloropropene	8.221	75	15788	0.805	ug/L	92

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45) 1,1,2-Trichloroethane	8.407	97	10090	0.991	ug/L	97
47) Tetrachloroethene	8.562	164	9508	0.933	ug/L	95
48) 2-Hexanone	8.697	43	69149	9.165	ug/L	100
49) Dibromochloromethane	8.816	129	10226	0.823	ug/L	94
50) 1,2-Dibromoethane	8.931	107	9646	0.983	ug/L	100
51) Chlorobenzene	9.452	112	34114	0.956	ug/L	98
52) Ethylbenzene	9.578	91	57637	0.903	ug/L	98
53) m,p-Xylene	9.700	106	22803	0.940	ug/L	93
54) o-Xylene	10.108	106	22017	0.933	ug/L	93
55) Styrene	10.121	104	36411	0.884	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	13555	1.002	ug/L	94
59) Bromoform	10.298	173	5427	0.785	ug/L	96
60) Isopropylbenzene	10.491	105	56263	0.913	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	9943	1.062	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	45973	0.862	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	46802	0.854	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	26614	0.956	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	27168	0.967	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	25687	0.976	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	1983	0.836	ug/L	83
69) 1,3,5-Trichlorobenzene	13.224	180	19589	0.930	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	15471	0.864	ug/L	99
71) Naphthalene	14.095	128	27729	0.836	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	13995	0.892	ug/L	99

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

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