

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045519.D
 Acq On : 03 Nov 2021 13:15
 Operator : SY/MD
 Sample : VSTD00129
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001029

Quant Time: Nov 09 07:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	158824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	160712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14638	1.453	ug/L	0.00
7) Chloroethane-d5	1.919	69	8720	0.937	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	5607	1.170	ug/L	0.00
20) 2-Butanone-d5	4.652	46	38747	10.630	ug/L	0.01
24) Chloroform-d	5.070	84	23155	1.157	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	9162	0.787	ug/L	0.00
32) Benzene-d6	5.732	84	38510	0.912	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	15510	1.126	ug/L	0.00
41) Toluene-d8	7.899	98	42960	1.163	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6136	1.228	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	33369	10.598	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	14076	1.163	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	15601	1.215	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	14238	1.108	ug/L	99
3) Chloromethane	1.520	50	16972	1.105	ug/L	99
5) Vinyl chloride	1.607	62	15799	1.025	ug/L	99
6) Bromomethane	1.861	94	6670	0.848	ug/L	95
8) Chloroethane	1.938	64	7420	0.801	ug/L	99
9) Trichlorofluoromethane	2.144	101	13796	0.842	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	10604	0.999	ug/L	99
12) 1,1-Dichloroethene	2.588	96	9772	0.966	ug/L	94
13) Acetone	2.681	43	20921m	8.465	ug/L	
14) Carbon disulfide	2.800	76	36051	1.090	ug/L	99
15) Methyl Acetate	2.967	43	6121	1.270	ug/L #	89
16) Methylene chloride	3.054	84	16219	1.053	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	28287	1.003	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	11093	1.018	ug/L	97
19) 1,1-Dichloroethane	3.877	63	20544	0.957	ug/L	96
21) 2-Butanone	4.732	43	33192	8.415	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	11150	0.984	ug/L	82
23) Bromochloromethane	4.983	128	4822	0.967	ug/L	99
25) Chloroform	5.092	83	20137	0.912	ug/L	99
27) 1,2-Dichloroethane	5.796	62	9436	0.639	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	12008	0.699	ug/L	95
30) Cyclohexane	5.395	56	13296	0.661	ug/L	94
31) Carbon tetrachloride	5.533	117	9911	0.733	ug/L	99
33) Benzene	5.780	78	35353	0.743	ug/L	100
34) Trichloroethene	6.546	95	11205	0.968	ug/L	95
35) Methylcyclohexane	6.767	83	19192	0.980	ug/L	99
37) 1,2-Dichloropropane	6.796	63	11893	0.939	ug/L	98
38) Bromodichloromethane	7.108	83	10191	0.671	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	15623	0.865	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	74760	7.779	ug/L	99
42) Toluene	7.973	91	48490	0.977	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	14627	0.952	ug/L	92

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45) 1,1,2-Trichloroethane	8.401	97	8761	0.968	ug/L	96
47) Tetrachloroethene	8.555	164	8266	1.008	ug/L	96
48) 2-Hexanone	8.690	43	59209	8.286	ug/L	97
49) Dibromochloromethane	8.812	129	8812	0.935	ug/L	97
50) 1,2-Dibromoethane	8.925	107	8333	0.986	ug/L	97
51) Chlorobenzene	9.449	112	29332	0.957	ug/L	98
52) Ethylbenzene	9.574	91	50149	0.940	ug/L	100
53) m,p-Xylene	9.697	106	19045	0.938	ug/L	100
54) o-Xylene	10.102	106	18641	0.960	ug/L	96
55) Styrene	10.118	104	29410	0.877	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	11441	0.949	ug/L	98
59) Bromoform	10.295	173	4501	0.984	ug/L	99
60) Isopropylbenzene	10.488	105	46862	1.007	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	8823	1.077	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	38064	0.963	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	37950	0.943	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	22108	1.009	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	22446	0.998	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	21814	1.050	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	1868	1.033	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	15855	0.949	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	13707	0.964	ug/L	99
71) Naphthalene	14.089	128	28009	0.971	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	13387	1.019	ug/L	98

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

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