Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
Data File : VU045523.D
Acq On : 03 Nov 2021 14:56
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV033

Quant Time: Nov 09 07:47:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 09 07:37:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	173110	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	163243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	79858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70572	4.900	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.000%			
7) Chloroethane-d5	1.919	69	46499	5.061	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.200%			
11) 1,1-Dichloroethene-d2	2.572	65	27946	4.969	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.400%			
20) 2-Butanone-d5	4.649	46	126261	31.912	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 63.820%			
24) Chloroform-d	5.070	84	100735	4.282	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	5.706	65	62959	5.189	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	5.732	84	247404	5.193	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.800%			
36) 1,2-Dichloropropane-d6	6.697	67	79958	5.034	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.600%			
41) Toluene-d8	7.902	98	224831	5.102	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
43) trans-1,3-Dichloroprop...	8.182	79	33701	5.248	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.000%			
46) 2-Hexanone-d5	8.636	63	188820	52.172	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.340%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	68721	4.959	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	79500	5.238	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	74912	4.910	ug/L	100
3) Chloromethane	1.520	50	85903	4.722	ug/L	100
5) Vinyl chloride	1.607	62	84019	4.844	ug/L	99
6) Bromomethane	1.861	94	38464	4.898	ug/L	99
8) Chloroethane	1.938	64	38787	4.927	ug/L	99
9) Trichlorofluoromethane	2.144	101	69764	4.882	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	57474	5.106	ug/L	98
12) 1,1-Dichloroethene	2.584	96	56774	5.179	ug/L	98
13) Acetone	2.671	43	108541	47.998	ug/L	96
14) Carbon disulfide	2.800	76	193828	5.000	ug/L	100
15) Methyl Acetate	2.967	43	28390	4.865	ug/L	99
16) Methylene chloride	3.051	84	66913	4.833	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	156212	5.025	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	61579	5.014	ug/L	97
19) 1,1-Dichloroethane	3.874	63	102720	4.594	ug/L	96
21) 2-Butanone	4.726	43	113202	31.311	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	48227	3.911	ug/L	99
23) Bromochloromethane	4.980	128	22820	4.190	ug/L #	85
25) Chloroform	5.092	83	92286	4.299	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	72010	5.372	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	84161	5.044	ug/L	97
30) Cyclohexane	5.395	56	102521	5.005	ug/L	98
31) Carbon tetrachloride	5.530	117	70096	5.143	ug/L	98
33) Benzene	5.777	78	256706	5.253	ug/L	100
34) Trichloroethene	6.546	95	64855	5.204	ug/L	94
35) Methylcyclohexane	6.768	83	110758	5.087	ug/L	99
37) 1,2-Dichloropropane	6.796	63	66824	5.133	ug/L	99
38) Bromodichloromethane	7.108	83	80055	5.485	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	98211	5.246	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	461129	52.916	ug/L	98
42) Toluene	7.973	91	273588	5.147	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	84432	5.168	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	48354	5.156	ug/L	97
47) Tetrachloroethene	8.558	164	45614	5.088	ug/L	99
48) 2-Hexanone	8.687	43	345395	54.133	ug/L	99
49) Dibromochloromethane	8.812	129	50217	5.424	ug/L	100
50) 1,2-Dibromoethane	8.928	107	46115	5.495	ug/L	100
51) Chlorobenzene	9.449	112	162900	5.186	ug/L	98
52) Ethylbenzene	9.574	91	288692	5.262	ug/L	99
53) m,p-Xylene	9.697	106	109842	5.166	ug/L	96
54) o-Xylene	10.105	106	109882	5.294	ug/L	99
55) Styrene	10.118	104	182694	5.312	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	64221	5.106	ug/L	100
59) Bromoform	10.295	173	27508	5.558	ug/L	99
60) Isopropylbenzene	10.488	105	280914	5.449	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	46313	5.211	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	240595	5.456	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	241824	5.484	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	124934	5.257	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	124066	5.200	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	119927	5.239	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	10435	5.282	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	92663	5.286	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	82428	5.287	ug/L	99
71) Naphthalene	14.089	128	184732	5.500	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	80636	5.469	ug/L	98

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

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