Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
Data File : VU037544.D
Acq On : 02 Apr 2020 00:57
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Apr 02 01:41:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 02 01:37:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	84213	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	80022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40555	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32098	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.93	69	26020	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.59	63	58821	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.66	46	88327	46.14	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.28%			
24) Chloroform-d	5.10	84	57302	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.74	65	30439	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.76	84	115497	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.72	67	38226	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.93	98	107806	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	8.20	79	16853	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.65	63	84958	48.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.24%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	31799	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	39072	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	31548	4.846	ug/L	99
3) Chloromethane	1.54	50	36757	5.451	ug/L	96
5) Vinyl chloride	1.62	62	35522	5.209	ug/L	98
6) Bromomethane	1.87	94	15401	4.722	ug/L	95
8) Chloroethane	1.95	64	20493	4.919	ug/L	99
9) Trichlorofluoromethane	2.16	101	50750	5.052	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	28435	4.933	ug/L	98
12) 1,1-Dichloroethene	2.61	96	27728	4.979	ug/L	91
13) Acetone	2.65	43	47373	43.902	ug/L	100
14) Carbon disulfide	2.82	76	88070	4.814	ug/L #	96
15) Methyl Acetate	2.98	43	13887	4.343	ug/L	99
16) Methylene chloride	3.08	84	30939	4.734	ug/L	93
17) Methyl tert-butyl Ether	3.40	73	78039	4.986	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	29247	4.832	ug/L	96
19) 1,1-Dichloroethane	3.91	63	56602	4.984	ug/L	98
21) 2-Butanone	4.75	43	87990	46.353	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	33533	5.081	ug/L	93

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 02 01:37:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	14231	4.948	ug/L	95
25) Chloroform	5.13	83	58386	4.991	ug/L	97
27) 1,2-Dichloroethane	5.83	62	36565	4.872	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	50724	4.925	ug/L	99
30) Cyclohexane	5.42	56	52746	4.716	ug/L	99
31) Carbon tetrachloride	5.56	117	42101	5.027	ug/L	100
33) Benzene	5.81	78	125030	4.922	ug/L	100
34) Trichloroethene	6.57	95	32713	4.880	ug/L	93
35) Methylcyclohexane	6.79	83	51859	4.622	ug/L	99
37) 1,2-Dichloropropane	6.82	63	33694	4.915	ug/L	99
38) Bromodichloromethane	7.13	83	42997	4.915	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	50366	4.801	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	229896	48.145	ug/L	99
42) Toluene	8.00	91	134087	4.966	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	44045	4.787	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	23283	4.856	ug/L	98
47) Tetrachloroethene	8.58	164	22470	5.125	ug/L	96
48) 2-Hexanone	8.71	43	163845	47.374	ug/L	97
49) Dibromochloromethane	8.83	129	29069	5.090	ug/L	95
50) 1,2-Dibromoethane	8.95	107	22831	4.895	ug/L	99
51) Chlorobenzene	9.47	112	83619	5.018	ug/L	100
52) Ethylbenzene	9.59	91	153246	4.982	ug/L	99
53) m,p-Xylene	9.71	106	56009	4.844	ug/L	99
54) o-Xylene	10.12	106	53900	4.840	ug/L	98
55) Styrene	10.13	104	97753	5.082	ug/L	97
56) Isopropylbenzene	10.50	105	150092	4.949	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	31495	4.883	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	22234	4.946	ug/L	98
61) Bromoform	10.31	173	16693	5.002	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	66464	4.957	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	66407	4.872	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	63244	4.930	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	5836	4.735	ug/L	91
67) 1,3,5-Trichlorobenzene	13.24	180	47462	4.905	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	44074	4.896	ug/L	98
69) Naphthalene	14.11	128	142157	7.097	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	39972	5.005	ug/L	97

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

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