Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002255.D
Acq On : 12 May 2020 16:38
Operator : CG/JU
Sample : SSTD04077
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD04077

Manual Integrations APPROVED
mohammad
5/14/2020 8:59:52 AM

Quant Time: May 12 17:16:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 12 16:40:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	395253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1730038	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1038165	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	2186086	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1699059	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1658599	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	159751	17.38	ng/uL	0.00
5) Phenol-d5	6.80	99	1408952	46.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	833363	52.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	1082175	41.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	1118171	45.13	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	540754	40.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	587697	39.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	1130666	39.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	1377032	43.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	3027221	38.53	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	3684139	39.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	564338	37.57	ng/ul	0.00
58) Fluorene-d10	15.26	176	2524768	37.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	458100	38.01	ng/ul	0.00
71) Anthracene-d10	17.12	188	3745014	38.12	ng/ul	0.00
79) Pyrene-d10	19.36	212	4107260	46.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	3509296	41.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	170225	17.36	ng/uL	96
4) Benzaldehyde	6.76	77	906512	51.17	ng/ul	98
6) Phenol	6.83	94	1475964	47.16	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	1184854	48.24	ng/ul	100
10) 2-Chlorophenol	7.19	128	1117819	41.80	ng/ul	99
11) 2-Methylphenol	8.06	108	1117238	45.65	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	1586961	60.53	ng/ul	99
14) Acetophenone	8.43	105	1657854	45.38	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.43	70	856895	49.21	ng/ul	99
16) 4-Methylphenol	8.40	108	1225146	46.86	ng/ul	97
17) Hexachloroethane	8.69	117	459932	43.29	ng/ul	97
20) Nitrobenzene	8.80	77	1340648	45.27	ng/ul	98
21) Isophorone	9.33	82	2638111	46.95	ng/ul	100
23) 2-Nitrophenol	9.51	139	633915	38.97	ng/ul	95
24) 2,4-Dimethylphenol	9.59	107	1267643	41.81	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	1629640	45.81	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	1100511	38.44	ng/ul	99
28) Naphthalene	10.44	128	3524061	38.02	ng/ul	98
30) 4-Chloroaniline	10.55	127	1381567	44.02	ng/ul	100
31) Hexachlorobutadiene	10.75	225	701036	35.50	ng/ul	97
32) Caprolactam	11.30	113	395698m	42.07	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	1182084	41.54	ng/ul	95
34) 2-Methylnaphthalene	12.06	142	2482471	38.14	ng/ul	98

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35) 1-Methylnaphthalene	12.28	142	2445944	37.84	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	1304372	37.69	ng/ul	100
38) Hexachlorocyclopentadiene	12.43	237	781037	38.50	ng/ul	100
39) 2,4,6-Trichlorophenol	12.68	196	900310	39.55	ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	963864	40.14	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	3091832	38.29	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	2479890	38.85	ng/ul	99
43) 2-Nitroaniline	13.33	65	732670	48.20	ng/ul	97
45) Dimethylphthalate	13.73	163	3084526	38.03	ng/ul	99
46) 2,6-Dinitrotoluene	13.84	165	661593	40.20	ng/ul	98
48) Acenaphthylene	13.98	152	3815578	38.30	ng/ul	100
49) 3-Nitroaniline	14.16	138	653972	42.94	ng/ul	98
50) Acenaphthene	14.32	153	2555956	38.16	ng/ul	97
51) 2,4-Dinitrophenol	14.37	184	326035	34.69	ng/ul	96
53) 4-Nitrophenol	14.49	109	421397	38.85	ng/ul	98
54) Dibenzofuran	14.66	168	3537535	37.39	ng/ul	96
55) 2,4-Dinitrotoluene	14.63	165	905762	38.42	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.89	232	800201	36.38	ng/ul	100
57) Diethylphthalate	15.11	149	3053979	38.15	ng/ul	99
59) Fluorene	15.32	166	2466736	32.63	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.32	204	1273506	31.96	ng/ul	98
61) 4-Nitroaniline	15.33	138	600189	37.62	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	487070	37.11	ng/ul	98
65) N-Nitrosodiphenylamine	15.53	169	2424720	38.96	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	975773	38.95	ng/ul	97
67) Hexachlorobenzene	16.33	284	1088063	38.25	ng/ul	97
68) Atrazine	16.50	200	975248	39.68	ng/ul	99
69) Pentachlorophenol	16.67	266	665202	37.87	ng/ul	97
70) Phenanthrene	17.06	178	4516396	37.50	ng/ul	97
72) Anthracene	17.15	178	4442673	37.26	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1436413	40.90	ng/uL	99
74) Pentachlorobenzene	14.59	250	1351545	38.97	ng/uL	97
75) Carbazole	17.42	167	4061253	40.45	ng/ul	100
76) Di-n-butylphthalate	18.00	149	5012174	38.94	ng/ul	98
77) Fluoranthene	19.03	202	5255108	37.83	ng/ul	99
80) Pyrene	19.39	202	5159594	44.60	ng/ul	97
81) Butylbenzylphthalate	20.29	149	2002988	42.68	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.03	252	1828606	47.14	ng/ul	95
83) Benzo(a)anthracene	21.10	228	4581512	39.86	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	3055009	44.35	ng/ul	100
85) Chrysene	21.15	228	4411361	40.23	ng/ul	98
87) Di-n-octyl phthalate	21.93	149	5130739	52.45	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	4519208	43.45	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	4216951	41.42	ng/ul	99
91) Benzo(a)pyrene	23.22	252	3863673	40.92	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.53	276	4240004	34.64	ng/ul	97
93) Dibenzo(a,h)anthracene	25.56	278	3509085	34.68	ng/ul	98
94) Benzo(g,h,i)perylene	26.22	276	3554933	34.41	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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