Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002278.D
Acq On : 13 May 2020 07:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02085

Manual Integrations APPROVED
mohammad
5/14/2020 9:04:38 AM

Quant Time: May 13 08:32:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 13 05:44:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	417200	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1798358	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1050195	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2039806	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1322655	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1196263	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	88635	8.51	ng/uL	0.00
5) Phenol-d5	6.80	99	810870	22.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	528748	23.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	610166	21.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	630223	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	303068	22.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	335174	23.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	629660	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	852062	25.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1695311	21.62	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2046143	21.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	296020	21.77	ng/ul	0.00
58) Fluorene-d10	15.25	176	1396238	21.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	220862	22.37	ng/ul	0.00
71) Anthracene-d10	17.10	188	1976677	21.76	ng/ul	0.00
79) Pyrene-d10	19.35	212	1898815	24.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1286120	20.76	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	94731	8.28	ng/uL	98
4) Benzaldehyde	6.76	77	523582	25.08	ng/ul	98
6) Phenol	6.82	94	848844	22.62	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	684146	22.51	ng/ul	98
10) 2-Chlorophenol	7.18	128	631683	21.73	ng/ul	97
11) 2-Methylphenol	8.06	108	636164	22.24	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	932025	22.48	ng/ul	100
14) Acetophenone	8.43	105	1001044	23.75	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	521603	22.04	ng/ul	98
16) 4-Methylphenol	8.39	108	687793	22.62	ng/ul	99
17) Hexachloroethane	8.69	117	256127	21.20	ng/ul	98
20) Nitrobenzene	8.80	77	762297	22.12	ng/ul	99
21) Isophorone	9.33	82	1493494	21.26	ng/ul	99
23) 2-Nitrophenol	9.50	139	362436	23.20	ng/ul	99
24) 2,4-Dimethylphenol	9.58	107	727942	22.01	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.82	93	943059	21.90	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	613520	21.87	ng/ul	99
28) Naphthalene	10.43	128	2030564	21.59	ng/ul	99
30) 4-Chloroaniline	10.55	127	877970	25.54	ng/ul	97
31) Hexachlorobutadiene	10.74	225	363111	20.23	ng/ul	99
32) Caprolactam	11.30	113	202501m	19.83	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	665466	21.55	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	1437208	21.84	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	1358044	21.05	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	708322	21.87	ng/ul	99
38) Hexachlorocyclopentadiene	12.42	237	395401	22.50	ng/ul	99
39) 2,4,6-Trichlorophenol	12.68	196	474047	21.99	ng/ul	98
40) 2,4,5-Trichlorophenol	12.75	196	504695	22.08	ng/ul	99
41) 1,1'-Biphenyl	13.09	154	1799207	22.74	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	1387680	22.02	ng/ul	98
43) 2-Nitroaniline	13.32	65	416628	23.82	ng/ul	99
45) Dimethylphthalate	13.72	163	1651679	20.70	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	368671	23.75	ng/ul	98
48) Acenaphthylene	13.97	152	2229939	22.35	ng/ul	99
49) 3-Nitroaniline	14.15	138	386984	24.79	ng/ul	96
50) Acenaphthene	14.32	153	1442758	21.64	ng/ul	98
51) 2,4-Dinitrophenol	14.36	184	146521	19.14	ng/ul	97
53) 4-Nitrophenol	14.47	109	218317	21.12	ng/ul	96
54) Dibenzofuran	14.66	168	2045449	22.05	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	457266	21.51	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.89	232	406996	20.76	ng/ul	93
57) Diethylphthalate	15.10	149	1607471	20.20	ng/ul	100
59) Fluorene	15.31	166	1463263	21.02	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	720409	20.49	ng/ul	99
61) 4-Nitroaniline	15.32	138	362402	23.69	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.39	198	244873	23.48	ng/ul	96
65) N-Nitrosodiphenylamine	15.53	169	1375604	23.57	ng/ul	99
66) 4-Bromophenyl-phenylether	16.21	248	468774	21.31	ng/ul	98
67) Hexachlorobenzene	16.32	284	501586	20.25	ng/ul	97
68) Atrazine	16.49	200	427258	20.43	ng/ul	96
69) Pentachlorophenol	16.66	266	295711	20.99	ng/ul	98
70) Phenanthrene	17.05	178	2370132	21.65	ng/ul	99
72) Anthracene	17.14	178	2378004	21.92	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	708420	22.42	ng/uL	97
74) Pentachlorobenzene	14.58	250	640626	21.06	ng/uL	98
75) Carbazole	17.41	167	2136956	23.62	ng/ul	99
76) Di-n-butylphthalate	18.00	149	2449552	20.31	ng/ul	100
77) Fluoranthene	19.03	202	2439705	21.28	ng/ul	98
80) Pyrene	19.38	202	2453010	24.80	ng/ul	98
81) Butylbenzylphthalate	20.27	149	856073	23.82	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.03	252	620811	19.06	ng/ul	94
83) Benzo(a)anthracene	21.09	228	1841417	20.58	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1179789	20.60	ng/ul	100
85) Chrysene	21.14	228	1789917	20.72	ng/ul	98
87) Di-n-octyl phthalate	21.92	149	1707680	20.17	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	1528040	19.82	ng/ul	99
89) Benzo(k)fluoranthene	22.69	252	1594594	21.15	ng/ul	99
91) Benzo(a)pyrene	23.20	252	1521197	21.84	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.51	276	1834342	23.34	ng/ul	98
93) Dibenzo(a,h)anthracene	25.53	278	1507970	23.19	ng/ul	98
94) Benzo(g,h,i)perylene	26.18	276	1581430	23.50	ng/ul	97

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

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