Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003153.D
Acq On : 28 Aug 2020 16:33
Operator : CG/JU
Sample : L3498-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MS

Manual Integrations APPROVED
mohammad
8/31/2020 10:28:05 AM

Quant Time: Aug 28 18:17:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	232885	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	911989	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	560975	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1233886	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1273472	20.00	ng	0.00
86) Perylene-d12	23.38	264	993466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1614833	122.60	ng	0.01
7) Phenol-d6	6.85	99	1878231	113.75	ng	0.00
23) Nitrobenzene-d5	8.81	82	1121362	88.64	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1009831	133.10	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3171399	82.79	ng	0.00
79) Terphenyl-d14	19.63	244	4718247	81.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	172146	34.185	ng	# 58
4) n-Nitrosodimethylamine	3.52	42	153630	44.392	ng	88
8) 2-Chlorophenol	7.23	128	695419	47.357	ng	99
9) Benzaldehyde	6.80	77	220350	28.624	ng	98
10) Phenol	6.88	94	698763	45.664	ng	95
11) bis(2-Chloroethyl)ether	7.09	93	523667	43.237	ng	99
12) 1,3-Dichlorobenzene	7.56	146	662421	37.100	ng	99
13) 1,4-Dichlorobenzene	7.70	146	679018	37.670	ng	99
14) 1,2-Dichlorobenzene	8.01	146	657052	38.448	ng	99
15) Benzyl Alcohol	7.90	79	377499	40.576	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	410547	40.000	ng	98
17) 2-Methylphenol	8.12	107	523225	47.998	ng	98
18) Hexachloroethane	8.74	117	214218	36.326	ng	94
19) n-Nitroso-di-n-propylamine	8.47	70	340524	45.645	ng	100
20) 3+4-Methylphenols	8.44	107	695760	47.370	ng	99
22) Acetophenone	8.48	105	874087	43.038	ng	100
24) Nitrobenzene	8.85	77	538963	43.376	ng	100
25) Isophorone	9.37	82	1052977	47.175	ng	100
26) 2-Nitrophenol	9.56	139	371710	50.192	ng	97
27) 2,4-Dimethylphenol	9.63	122	606445	54.472	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	656544	39.492	ng	100
29) 2,4-Dichlorophenol	10.10	162	660114	47.791	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	636948	38.730	ng	99
31) Naphthalene	10.49	128	1906758	40.695	ng	100
32) Benzoic acid	9.80	122	413950	48.052	ng	96
34) Hexachlorobutadiene	10.79	225	360859	36.561	ng	99
35) Caprolactam	11.37	113	176070m	42.419	ng	
36) 4-Chloro-3-methylphenol	11.74	107	628085	48.702	ng	99
37) 2-Methylnaphthalene	12.11	142	1438091	42.905	ng	99
38) 1-Methylnaphthalene	12.33	142	1360407	42.702	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	709307	42.660	ng	99
41) Hexachlorocyclopentadiene	12.47	237	862828	109.778	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	524881	48.010	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	575769	49.789	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.13	154	1839107	43.707	ng	99
47) 2-Chloronaphthalene	13.17	162	1407179	40.855	ng	100
48) 2-Nitroaniline	13.37	65	268585	41.648	ng	95
49) Acenaphthylene	14.02	152	2310619	44.365	ng	100
50) Dimethylphthalate	13.77	163	2127889	49.741	ng	100
51) 2,6-Dinitrotoluene	13.88	165	422836	47.558	ng	97
52) Acenaphthene	14.37	154	1367146	42.728	ng	100
53) 3-Nitroaniline	14.20	138	42243	4.194	ng	93
54) 2,4-Dinitrophenol	14.42	184	501044	100.916	ng	99
55) Dibenzofuran	14.70	168	2176015	43.304	ng	99
56) 4-Nitrophenol	14.53	139	774624	106.889	ng	98
57) 2,4-Dinitrotoluene	14.67	165	586462	49.058	ng	98
58) Fluorene	15.36	166	1687898	43.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	516035	49.321	ng	99
60) Diethylphthalate	15.15	149	1865224	44.441	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	856760	42.860	ng	99
62) 4-Nitroaniline	15.37	138	267434	25.827	ng	97
63) Azobenzene	15.65	77	1227027	44.049	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	338822	57.419	ng	99
66) n-Nitrosodiphenylamine	15.57	169	960455	26.621	ng	98
67) 4-Bromophenyl-phenylether	16.25	248	584744	42.940	ng	100
68) Hexachlorobenzene	16.37	284	692106	42.688	ng	100
69) Atrazine	16.53	200	280465	23.048	ng	99
70) Pentachlorophenol	16.72	266	917020	118.280	ng	99
71) Phenanthrene	17.10	178	2862198	42.809	ng	100
72) Anthracene	17.19	178	2902076	45.353	ng	100
73) Carbazole	17.46	167	1691906	27.550	ng	99
74) Di-n-butylphthalate	18.03	149	3274106	45.353	ng	100
75) Fluoranthene	19.07	202	3470186	44.907	ng	99
78) Pyrene	19.43	202	3544330	42.883	ng	99
80) Butylbenzylphthalate	20.31	149	1576008	46.311	ng	96
81) Benzo(a)anthracene	21.13	228	3491178	43.766	ng	99
83) Chrysene	21.19	228	3319892	43.468	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2253492	45.854	ng	98
85) Di-n-octyl phthalate	21.95	149	4013138	47.628	ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	4051630	54.687	ng	98
88) Benzo(b)fluoranthene	22.71	252	3852037	62.384	ng	99
89) Benzo(k)fluoranthene	22.76	252	3685507	62.470	ng	99
90) Benzo(a)pyrene	23.29	252	3282365	57.299	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3497645	57.469	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3310801	54.207	ng	99

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

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