Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
Data File : BP003801.D
Acq On : 04 Nov 2020 11:08
Operator : CG/JU
Sample : PB132782BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB132782BS

Manual Integrations APPROVED
mohammad
11/6/2020 10:30:59 AM

Quant Time: Nov 05 14:52:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.293	152	176920	20.00	ng		0.00
21) Naphthalene-d8	11.128	136	675909	20.00	ng		# 0.00
39) Acenaphthene-d10	14.910	164	400990	20.00	ng		0.00
64) Phenanthrene-d10	17.633	188	799472	20.00	ng		# 0.00
76) Chrysene-d12	21.651	240	717642	20.00	ng		0.00
86) Perylene-d12	24.110	264	700596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.816	112	1452096	136.98	ng		0.00
7) Phenol-d6	7.463	99	1834621	120.56	ng		0.00
23) Nitrobenzene-d5	9.457	82	1177339m	85.31	ng		0.00
42) 2,4,6-Tribromophenol	16.386	330	645968	128.80	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	2393976	83.46	ng		0.00
79) Terphenyl-d14	20.122	244	3087991	83.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	151172	33.06	ng	#	61
3) Pyridine	3.946	79	458995	34.22	ng	#	61
4) n-Nitrosodimethylamine	3.846	42	256438	41.53	ng	#	57
6) Aniline	7.599	93	575545	33.31	ng	#	83
8) 2-Chlorophenol	7.863	128	505218	44.89	ng	#	80
9) Benzaldehyde	7.393	77	128547	15.47	ng	#	79
10) Phenol	7.487	94	654150	44.55	ng		82
11) bis(2-Chloroethyl)ether	7.687	93	506912	42.95	ng	#	80
12) 1,3-Dichlorobenzene	8.193	146	568031	41.18	ng	#	95
13) 1,4-Dichlorobenzene	8.328	146	577557	41.53	ng		96
14) 1,2-Dichlorobenzene	8.663	146	550196	41.42	ng		97
15) Benzyl Alcohol	8.528	79	465299	44.15	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.828	45	782591	39.37	ng		81
17) 2-Methylphenol	8.752	107	426240	44.21	ng	#	93
18) Hexachloroethane	9.410	117	208778	42.25	ng		95
19) n-Nitroso-di-n-propyla...	9.099	70	383066	42.12	ng	#	76
20) 3+4-Methylphenols	9.081	107	566335	44.01	ng		93
22) Acetophenone	9.116	105	747995	41.23	ng	#	86
24) Nitrobenzene	9.499	77	580680	42.34	ng	#	80
25) Isophorone	10.022	82	1004176	42.84	ng	#	89
26) 2-Nitrophenol	10.228	139	255337	47.68	ng	#	76
27) 2,4-Dimethylphenol	10.287	122	453104	50.72	ng		90
28) bis(2-Chloroethoxy)met...	10.498	93	640299	39.81	ng		97
29) 2,4-Dichlorophenol	10.775	162	471954	43.84	ng		95
30) 1,2,4-Trichlorobenzene	10.993	180	528457	40.30	ng		99
31) Naphthalene	11.175	128	1497413	41.28	ng		100
32) Benzoic acid	10.440	122	230288	38.67	ng	#	75
33) 4-Chloroaniline	11.263	127	344357	22.34	ng	#	89
34) Hexachlorobutadiene	11.493	225	335484	39.22	ng		99
35) Caprolactam	11.998	113	139698	41.97	ng	#	15
36) 4-Chloro-3-methylphenol	12.387	107	497674	42.83	ng		89
37) 2-Methylnaphthalene	12.757	142	1071706	41.29	ng		97
38) 1-Methylnaphthalene	12.975	142	983971	39.74	ng		98
40) 1,2,4,5-Tetrachloroben...	13.134	216	569431	42.91	ng		99
41) Hexachlorocyclopentadiene	13.134	237	785350	117.30	ng		99
43) 2,4,6-Trichlorophenol	13.357	196	364124	44.38	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	392289	45.41	ng	#	95
46) 1,1'-Biphenyl	13.745	154	1315757	42.27	ng		98
47) 2-Chloronaphthalene	13.792	162	1034558	40.51	ng		98
48) 2-Nitroaniline	13.969	65	317927	41.72	ng	#	59
49) Acenaphthylene	14.634	152	1579176	42.11	ng		100
50) Dimethylphthalate	14.339	163	1258265	40.14	ng		100
51) 2,6-Dinitrotoluene	14.451	165	279771	43.50	ng	#	74
52) Acenaphthene	14.975	154	1111800	44.50	ng		90
53) 3-Nitroaniline	14.781	138	199023	27.96	ng	#	72
54) 2,4-Dinitrophenol	14.986	184	267096	75.81	ng	#	1
55) Dibenzofuran	15.298	168	1531862	41.27	ng		99
56) 4-Nitrophenol	15.098	139	458930	89.44	ng	#	64
57) 2,4-Dinitrotoluene	15.239	165	383532	44.42	ng	#	77
58) Fluorene	15.945	166	1219596	41.03	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.534	232	340989	43.79	ng		97
60) Diethylphthalate	15.692	149	1257628	40.98	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	652997	40.20	ng		98
62) 4-Nitroaniline	15.939	138	277763	37.43	ng		87
63) Azobenzene	16.216	77	1197289	41.32	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	201114	46.89	ng		82
66) n-Nitrosodiphenylamine	16.133	169	1083276	44.26	ng		98
67) 4-Bromophenyl-phenylether	16.810	248	398159	42.56	ng		96
68) Hexachlorobenzene	16.975	284	442533	41.46	ng		98
69) Atrazine	17.063	200	319992	39.83	ng		98
70) Pentachlorophenol	17.298	266	500262	97.98	ng		99
71) Phenanthrene	17.675	178	1885184	42.01	ng		99
72) Anthracene	17.763	178	1926232	44.45	ng		99
73) Carbazole	18.016	167	1713539	42.62	ng		99
74) Di-n-butylphthalate	18.533	149	2024929	43.51	ng		99
75) Fluoranthene	19.598	202	2163193	41.78	ng		98
77) Benzidine	19.745	184	811434	47.94	ng		99
78) Pyrene	19.951	202	2207020	45.32	ng		99
80) Butylbenzylphthalate	20.769	149	841637	46.38	ng	#	86
81) Benzo(a)anthracene	21.633	228	2019679	42.68	ng		98
82) 3,3'-Dichlorobenzidine	21.545	252	454566	27.85	ng		98
83) Chrysene	21.686	228	1953314	42.96	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1229171	45.95	ng		99
85) Di-n-octyl phthalate	22.439	149	2042574	45.84	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.651	276	2093407	41.42	ng		99
88) Benzo(b)fluoranthene	23.363	252	2040473	44.51	ng		100
89) Benzo(k)fluoranthene	23.410	252	1858703	41.06	ng		99
90) Benzo(a)pyrene	23.998	252	1741746	41.04	ng		99
91) Dibenzo(a,h)anthracene	26.645	278	1770632	42.03	ng		99
92) Benzo(g,h,i)perylene	27.433	276	1745127	42.80	ng		97

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

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