Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003574.D
Acq On : 08 Oct 2020 15:56
Operator : CG/JU
Sample : PB132184BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB132184BS

Manual Integrations APPROVED
mohammad
10/12/2020 11:32:08 AM

Quant Time: Oct 08 16:37:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.481	152	49835	20.00	ng		0.00
21) Naphthalene-d8	10.252	136	201817	20.00	ng		# 0.00
39) Acenaphthene-d10	14.140	164	125560	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	272295	20.00	ng		# 0.00
76) Chrysene-d12	21.010	240	306930	20.00	ng		0.00
86) Perylene-d12	23.174	264	357130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.093	112	410166	143.72	ng		0.00
7) Phenol-d6	6.693	99	499527	131.31	ng		0.00
23) Nitrobenzene-d5	8.634	82	347137	101.05	ng		0.00
42) 2,4,6-Tribromophenol	15.645	330	260428	135.99	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	790039	92.02	ng		0.00
79) Terphenyl-d14	19.486	244	1431893	97.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.987	88	40183	34.26	ng		98
3) Pyridine	3.375	79	105181	33.68	ng		95
4) n-Nitrosodimethylamine	3.299	42	45644	48.86	ng	#	76
6) Aniline	6.816	93	173690	39.76	ng		90
8) 2-Chlorophenol	7.058	128	137749	43.34	ng		90
9) Benzaldehyde	6.634	77	68591	32.33	ng		85
10) Phenol	6.716	94	162602	44.75	ng		80
11) bis(2-Chloroethyl)ether	6.916	93	120291	41.78	ng		96
12) 1,3-Dichlorobenzene	7.369	146	151203	39.79	ng	#	92
13) 1,4-Dichlorobenzene	7.516	146	154549	40.20	ng	#	94
14) 1,2-Dichlorobenzene	7.828	146	146334	39.66	ng		96
15) Benzyl Alcohol	7.734	79	132416	52.38	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.022	45	83988	40.11	ng		83
17) 2-Methylphenol	7.952	107	116380	44.30	ng	#	90
18) Hexachloroethane	8.540	117	58690	40.97	ng		95
19) n-Nitroso-di-n-propyla...	8.293	70	92192	45.24	ng	#	95
20) 3+4-Methylphenols	8.287	107	153266	43.83	ng	#	81
22) Acetophenone	8.305	105	196783	39.70	ng	#	89
24) Nitrobenzene	8.675	77	156642	45.57	ng	#	83
25) Isophorone	9.199	82	278614	44.25	ng	#	91
26) 2-Nitrophenol	9.387	139	76749	40.88	ng	#	72
27) 2,4-Dimethylphenol	9.469	122	116051	43.71	ng		89
28) bis(2-Chloroethoxy)met...	9.687	93	162164	38.70	ng		99
29) 2,4-Dichlorophenol	9.946	162	133689	40.30	ng		96
30) 1,2,4-Trichlorobenzene	10.128	180	149092	37.88	ng		98
31) Naphthalene	10.305	128	424793	39.85	ng		99
32) Benzoic acid	9.687	122	32744	23.10	ng	#	84
33) 4-Chloroaniline	10.434	127	142692	31.51	ng	#	90
34) Hexachlorobutadiene	10.599	225	98283	36.58	ng		99
35) Caprolactam	11.210	113	42933m	38.78	ng		
36) 4-Chloro-3-methylphenol	11.599	107	151565	42.37	ng		86
37) 2-Methylnaphthalene	11.934	142	303231	39.26	ng	#	96
38) 1-Methylnaphthalene	12.157	142	287781	39.25	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.316	216	167117	40.65	ng		99
41) Hexachlorocyclopentadiene	12.293	237	66848	54.67	ng		99
43) 2,4,6-Trichlorophenol	12.581	196	106952	40.24	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	114713	41.96	ng	#	93
46) 1,1'-Biphenyl	12.963	154	386770	41.30	ng		98
47) 2-Chloronaphthalene	13.004	162	308905	39.83	ng		95
48) 2-Nitroaniline	13.228	65	95069	48.44	ng	#	71
49) Acenaphthylene	13.857	152	491621	41.49	ng		100
50) Dimethylphthalate	13.610	163	405301	40.42	ng		100
51) 2,6-Dinitrotoluene	13.728	165	91051	42.37	ng	#	68
52) Acenaphthene	14.204	154	286440	39.72	ng		99
53) 3-Nitroaniline	14.069	138	77986	33.49	ng	#	75
54) 2,4-Dinitrophenol	14.310	184	67037	67.20	ng	#	78
55) Dibenzofuran	14.545	168	464803	40.39	ng		93
56) 4-Nitrophenol	14.434	139	105498	74.12	ng	#	58
57) 2,4-Dinitrotoluene	14.545	165	124480	41.76	ng	#	55
58) Fluorene	15.198	166	370292	40.74	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.793	232	106557	41.45	ng	#	97
60) Diethylphthalate	14.987	149	417602	40.83	ng		100
61) 4-Chlorophenyl-phenyle...	15.192	204	198572	40.02	ng		97
62) 4-Nitroaniline	15.245	138	85720	34.68	ng	#	63
63) Azobenzene	15.492	77	363537	46.63	ng		90
65) 4,6-Dinitro-2-methylph...	15.328	198	63511	44.20	ng		92
66) n-Nitrosodiphenylamine	15.416	169	337035	42.14	ng		100
67) 4-Bromophenyl-phenylether	16.092	248	135286	41.10	ng		94
68) Hexachlorobenzene	16.216	284	158710	40.59	ng		94
69) Atrazine	16.381	200	119393	38.05	ng		97
70) Pentachlorophenol	16.575	266	103689	63.32	ng		98
71) Phenanthrene	16.945	178	621933	41.98	ng		99
72) Anthracene	17.034	178	628134	43.02	ng		100
73) Carbazole	17.316	167	579182	41.76	ng		99
74) Di-n-butylphthalate	17.881	149	715976	40.38	ng	#	98
75) Fluoranthene	18.933	202	774435	41.57	ng		99
77) Benzidine	19.122	184	328441	34.51	ng		100
78) Pyrene	19.286	202	773851	40.43	ng		100
80) Butylbenzylphthalate	20.163	149	342828	39.15	ng	#	85
81) Benzo(a)anthracene	20.998	228	796425	40.14	ng		99
82) 3,3'-Dichlorobenzidine	20.927	252	291858	38.06	ng		99
83) Chrysene	21.045	228	781853	41.02	ng		99
84) Bis(2-ethylhexyl)phtha...	20.933	149	470707	38.18	ng		99
85) Di-n-octyl phthalate	21.780	149	889071	39.46	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.368	276	1214579	44.87	ng	#	94
88) Benzo(b)fluoranthene	22.527	252	923597	40.95	ng	#	98
89) Benzo(k)fluoranthene	22.569	252	938860	43.44	ng	#	98
90) Benzo(a)pyrene	23.080	252	892926	41.99	ng	#	98
91) Dibenzo(a,h)anthracene	25.368	278	1028635	46.05	ng	#	96
92) Benzo(g,h,i)perylene	26.033	276	1035531	46.44	ng	#	95

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

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