Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
Data File : BP004093.D
Acq On : 25 Nov 2020 12:05
Operator : CG/JU
Sample : PB133220BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 13:35:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB133220BS

Manual Integrations APPROVED
mohammad
11/27/2020 11:45:00 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	142458	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	516142	20.00	ng	#	0.00
39) Acenaphthene-d10	14.892	164	293290	20.00	ng		0.00
64) Phenanthrene-d10	17.628	188	579056	20.00	ng	#	0.00
76) Chrysene-d12	21.663	240	480029	20.00	ng		0.00
86) Perylene-d12	24.139	264	490802	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	1060245	124.21	ng		0.00
7) Phenol-d6	7.458	99	1299195	106.03	ng		0.00
23) Nitrobenzene-d5	9.434	82	828076	78.57	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	432488	117.90	ng		0.00
45) 2-Fluorobiphenyl	13.516	172	1739484	82.92	ng		0.00
79) Terphenyl-d14	20.122	244	2072860	83.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	128126	34.79	ng	#	62
3) Pyridine	3.922	79	387832	35.91	ng	#	60
4) n-Nitrosodimethylamine	3.828	42	211880	42.61	ng	#	55
6) Aniline	7.575	93	334052	24.01	ng	#	84
8) 2-Chlorophenol	7.846	128	413288	45.60	ng	#	80
9) Benzaldehyde	7.375	77	51528	6.36	ng	#	81
10) Phenol	7.481	94	503533	42.59	ng		81
11) bis(2-Chloroethyl)ether	7.657	93	409307	43.07	ng	#	80
12) 1,3-Dichlorobenzene	8.163	146	480793	43.29	ng	#	94
13) 1,4-Dichlorobenzene	8.305	146	485123	43.33	ng		97
14) 1,2-Dichlorobenzene	8.634	146	462419	43.24	ng		96
15) Benzyl Alcohol	8.510	79	368230	43.39	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	616896	38.54	ng		83
17) 2-Methylphenol	8.746	107	335953	43.28	ng	#	93
18) Hexachloroethane	9.375	117	179974	45.23	ng		95
19) n-Nitroso-di-n-propyla...	9.075	70	308715	42.15	ng	#	77
20) 3+4-Methylphenols	9.069	107	443644	42.81	ng	#	88
22) Acetophenone	9.093	105	602489	43.49	ng	#	85
24) Nitrobenzene	9.475	77	464690	44.37	ng	#	81
25) Isophorone	9.999	82	815208	45.54	ng	#	90
26) 2-Nitrophenol	10.204	139	221412	54.14	ng	#	79
27) 2,4-Dimethylphenol	10.275	122	354177	51.92	ng		92
28) bis(2-Chloroethoxy)met...	10.469	93	499154	40.64	ng		98
29) 2,4-Dichlorophenol	10.769	162	372387	45.30	ng		96
30) 1,2,4-Trichlorobenzene	10.969	180	432079	43.15	ng		99
31) Naphthalene	11.151	128	1208635	43.64	ng		100
32) Benzoic acid	10.463	122	100013	25.58	ng	#	79
33) 4-Chloroaniline	11.246	127	222809	18.93	ng	#	90
34) Hexachlorobutadiene	11.457	225	282340	43.23	ng		99
35) Caprolactam	11.998	113	111692	43.95	ng	#	22
36) 4-Chloro-3-methylphenol	12.387	107	386757	43.59	ng		89
37) 2-Methylnaphthalene	12.740	142	841214	42.44	ng		96
38) 1-Methylnaphthalene	12.957	142	779756	41.24	ng		99
40) 1,2,4,5-Tetrachloroben...	13.122	216	463917	47.79	ng		98
41) Hexachlorocyclopentadiene	13.104	237	414910	84.73	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	274092	45.68	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	289609	45.84	ng		96
46) 1,1'-Biphenyl	13.728	154	1037386	45.57	ng		98
47) 2-Chloronaphthalene	13.775	162	818326	43.81	ng		99
48) 2-Nitroaniline	13.963	65	254145	45.59	ng	#	61
49) Acenaphthylene	14.616	152	1239615	45.19	ng		100
50) Dimethylphthalate	14.322	163	989697	43.17	ng		100
51) 2,6-Dinitrotoluene	14.445	165	221532	47.09	ng	#	78
52) Acenaphthene	14.957	154	847152m	46.36	ng		
53) 3-Nitroaniline	14.775	138	129063	24.79	ng	#	76
54) 2,4-Dinitrophenol	14.998	184	169486	68.61	ng	#	84
55) Dibenzofuran	15.287	168	1192953	43.94	ng		100
56) 4-Nitrophenol	15.128	139	284954	75.93	ng	#	66
57) 2,4-Dinitrotoluene	15.239	165	304334	48.19	ng	#	77
58) Fluorene	15.934	166	957988	44.07	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.534	232	233964	41.08	ng		97
60) Diethylphthalate	15.675	149	979032	43.62	ng		99
61) 4-Chlorophenyl-phenyle...	15.910	204	510350	42.96	ng		96
62) 4-Nitroaniline	15.939	138	215413	39.68	ng		87
63) Azobenzene	16.204	77	922546	43.53	ng		85
65) 4,6-Dinitro-2-methylph...	16.022	198	145837	46.94	ng	#	80
66) n-Nitrosodiphenylamine	16.122	169	844010	47.61	ng		99
67) 4-Bromophenyl-phenylether	16.804	248	309212	45.64	ng		98
68) Hexachlorobenzene	16.969	284	345811	44.73	ng		96
69) Atrazine	17.057	200	254896	43.80	ng		98
70) Pentachlorophenol	17.310	266	241716	65.36	ng		100
71) Phenanthrene	17.669	178	1459274	44.90	ng		98
72) Anthracene	17.763	178	1512166	48.18	ng		99
73) Carbazole	18.016	167	1321467	45.38	ng		98
74) Di-n-butylphthalate	18.522	149	1610147	47.76	ng		98
75) Fluoranthene	19.604	202	1649028	43.98	ng		99
77) Benzidine	19.751	184	496175	43.82	ng		99
78) Pyrene	19.957	202	1663779	51.08	ng		98
80) Butylbenzylphthalate	20.769	149	663368	54.65	ng	#	87
81) Benzo(a)anthracene	21.645	228	1470969	46.47	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	292216	26.76	ng		98
83) Chrysene	21.704	228	1413947	46.49	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	947965	52.98	ng		99
85) Di-n-octyl phthalate	22.445	149	1624151	54.49	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.709	276	1625329	45.91	ng		98
88) Benzo(b)fluoranthene	23.386	252	1452208	45.21	ng		100
89) Benzo(k)fluoranthene	23.433	252	1411678	44.51	ng		99
90) Benzo(a)pyrene	24.033	252	1308174	44.00	ng		99
91) Dibenzo(a,h)anthracene	26.698	278	1380281	46.77	ng		98
92) Benzo(g,h,i)perylene	27.498	276	1352608	47.35	ng		97

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

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