Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029088.D
Acq On : 11 Mar 2021 10:42
Operator : CG/JU
Sample : PB135092BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 11 11:18:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB135092BS

Manual Integrations APPROVED
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3/12/2021 12:03:13 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	9163	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	35131	20.00	ng	#	0.00
39) Acenaphthene-d10	14.333	164	20234	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	39505	20.00	ng		0.00
76) Chrysene-d12	21.256	240	38867	20.00	ng	#	0.00
86) Perylene-d12	23.409	264	36713	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	61188	110.68	ng		0.00
7) Phenol-d6	6.863	99	75017	102.74	ng		0.00
23) Nitrobenzene-d5	8.839	82	39138	60.11	ng		0.00
42) 2,4,6-Tribromophenol	15.833	330	24290	101.29	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	87232	57.39	ng		0.00
79) Terphenyl-d14	19.703	244	111367	52.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.081	88	8668	41.70	ng	#	53
3) Pyridine	3.499	79	22428	40.89	ng	#	37
4) n-Nitrosodimethylamine	3.416	42	16356	53.37	ng	#	47
6) Aniline	6.998	93	22480	28.79	ng		100
8) 2-Chlorophenol	7.234	128	27229	41.47	ng		98
9) Benzaldehyde	6.816	77	7186	18.06	ng		84
10) Phenol	6.887	94	30051	41.42	ng		95
11) bis(2-Chloroethyl)ether	7.104	93	23191	42.13	ng		92
12) 1,3-Dichlorobenzene	7.545	146	30091	42.02	ng		95
13) 1,4-Dichlorobenzene	7.698	146	31118	42.85	ng		95
14) 1,2-Dichlorobenzene	8.010	146	29023	41.53	ng		98
15) Benzyl Alcohol	7.928	79	21265	40.73	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.204	45	39646	46.77	ng		71
17) 2-Methylphenol	8.134	107	20921	42.46	ng	#	91
18) Hexachloroethane	8.722	117	11769	44.60	ng		89
19) n-Nitroso-di-n-propyla...	8.481	70	17727	41.27	ng	#	52
20) 3+4-Methylphenols	8.469	107	27478	41.45	ng		93
22) Acetophenone	8.504	105	37443	43.70	ng	#	84
24) Nitrobenzene	8.881	77	27500	41.54	ng	#	85
25) Isophorone	9.398	82	47582	41.53	ng		97
26) 2-Nitrophenol	9.586	139	14155	42.33	ng	#	86
27) 2,4-Dimethylphenol	9.657	122	22227	44.29	ng		91
28) bis(2-Chloroethoxy)met...	9.886	93	29255	44.94	ng	#	98
29) 2,4-Dichlorophenol	10.128	162	23405	40.77	ng		98
30) 1,2,4-Trichlorobenzene	10.322	180	26290	41.76	ng		98
31) Naphthalene	10.504	128	77346	39.93	ng		99
32) Benzoic acid	9.839	122	15009	41.73	ng	#	84
33) 4-Chloroaniline	10.639	127	21537	27.67	ng		93
34) Hexachlorobutadiene	10.769	225	15753	41.73	ng		97
35) Caprolactam	11.451	113	6709	42.71	ng	#	54
36) 4-Chloro-3-methylphenol	11.786	107	24044	41.55	ng		92
37) 2-Methylnaphthalene	12.127	142	54409	39.92	ng		98
38) 1-Methylnaphthalene	12.351	142	51320	39.76	ng		99
40) 1,2,4,5-Tetrachloroben...	12.504	216	26240	41.48	ng		99
41) Hexachlorocyclopentadiene	12.463	237	19866	82.38	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	17779	40.09	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	18706	39.30	ng	#	97
46) 1,1'-Biphenyl	13.157	154	65581	40.41	ng		99
47) 2-Chloronaphthalene	13.204	162	52704	39.79	ng		98
48) 2-Nitroaniline	13.433	65	16001	44.91	ng		90
49) Acenaphthylene	14.057	152	82494	40.55	ng		100
50) Dimethylphthalate	13.804	163	64872	42.31	ng		100
51) 2,6-Dinitrotoluene	13.933	165	14731	41.20	ng		92
52) Acenaphthene	14.398	154	48772	39.09	ng		99
53) 3-Nitroaniline	14.268	138	11097	31.86	ng		86
54) 2,4-Dinitrophenol	14.498	184	14429	78.90	ng		98
55) Dibenzofuran	14.733	168	76921	39.27	ng		97
56) 4-Nitrophenol	14.610	139	21080	73.77	ng	#	85
57) 2,4-Dinitrotoluene	14.733	165	19699	42.18	ng	#	83
58) Fluorene	15.386	166	62486	39.80	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.974	232	15735m	41.14	ng		
60) Diethylphthalate	15.168	149	66161	42.88	ng		98
61) 4-Chlorophenyl-phenyle...	15.380	204	31065	41.47	ng		90
62) 4-Nitroaniline	15.439	138	13100	38.90	ng		98
63) Azobenzene	15.674	77	59084	41.50	ng	#	84
65) 4,6-Dinitro-2-methylph...	15.504	198	10044	36.11	ng	#	73
66) n-Nitrosodiphenylamine	15.604	169	53175	39.35	ng		99
67) 4-Bromophenyl-phenylether	16.274	248	17679	39.88	ng	#	90
68) Hexachlorobenzene	16.386	284	19968	40.42	ng		94
69) Atrazine	16.557	200	15695	37.33	ng		94
70) Pentachlorophenol	16.739	266	21824	82.60	ng		99
71) Phenanthrene	17.121	178	93473	39.73	ng		98
72) Anthracene	17.215	178	95493	40.98	ng		98
73) Carbazole	17.492	167	86091	38.50	ng		98
74) Di-n-butylphthalate	18.045	149	112996	44.45	ng		99
75) Fluoranthene	19.139	202	106351	41.14	ng		99
77) Benzidine	19.333	184	30947	24.16	ng		98
78) Pyrene	19.497	202	107603	37.69	ng		99
80) Butylbenzylphthalate	20.397	149	52055	42.35	ng		95
81) Benzo(a)anthracene	21.239	228	106757	39.58	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	30621	32.86	ng	#	98
83) Chrysene	21.291	228	103457	39.36	ng		99
84) Bis(2-ethylhexyl)phtha...	21.162	149	78281	44.26	ng	#	97
85) Di-n-octyl phthalate	22.021	149	137830	45.92	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.568	276	123147	44.45	ng	#	91
88) Benzo(b)fluoranthene	22.768	252	106268	40.98	ng	#	98
89) Benzo(k)fluoranthene	22.809	252	108182	43.91	ng	#	96
90) Benzo(a)pyrene	23.315	252	98365	41.57	ng	#	97
91) Dibenzo(a,h)anthracene	25.568	278	104454	43.38	ng	#	95
92) Benzo(g,h,i)perylene	26.226	276	100823	43.37	ng	#	94

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

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