Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005151.D
Acq On : 02 Apr 2021 10:18
Operator : CG/JU
Sample : PB135435BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135435BS

Manual Integrations APPROVED
mohammad
4/5/2021 11:55:05 AM

Quant Time: Apr 02 11:07:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	27661	20.00	ng		0.00
21) Naphthalene-d8	10.493	136	107523	20.00	ng	#	0.00
39) Acenaphthene-d10	14.357	164	69213	20.00	ng		0.00
64) Phenanthrene-d10	17.122	188	142649	20.00	ng	#	0.00
76) Chrysene-d12	21.222	240	146200	20.00	ng		0.00
86) Perylene-d12	23.504	264	147753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	250171	139.18	ng		0.00
7) Phenol-d6	6.887	99	326102	126.66	ng		0.00
23) Nitrobenzene-d5	8.863	82	206333	82.34	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	109330	121.24	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	409400	80.02	ng		0.00
79) Terphenyl-d14	19.698	244	657918	81.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	27482	35.11	ng	#	93
3) Pyridine	3.634	79	76784	39.45	ng		96
4) n-Nitrosodimethylamine	3.546	42	30940	44.46	ng	#	88
6) Aniline	7.040	93	108917	37.33	ng	#	90
8) 2-Chlorophenol	7.269	128	87816	46.32	ng		85
9) Benzaldehyde	6.852	77	66296	50.56	ng	#	78
10) Phenol	6.911	94	125354	47.51	ng		85
11) bis(2-Chloroethyl)ether	7.134	93	88110	45.61	ng		92
12) 1,3-Dichlorobenzene	7.593	146	90995	43.20	ng	#	91
13) 1,4-Dichlorobenzene	7.740	146	94284	44.09	ng	#	93
14) 1,2-Dichlorobenzene	8.052	146	88689	43.24	ng	#	94
15) Benzyl Alcohol	7.952	79	91310	45.97	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.228	45	68376	48.25	ng		97
17) 2-Methylphenol	8.152	107	80361	47.72	ng	#	91
18) Hexachloroethane	8.775	117	35476	43.53	ng		94
19) n-Nitroso-di-n-propyla...	8.516	70	71082	42.56	ng	#	91
20) 3+4-Methylphenols	8.481	107	107461	46.73	ng		93
22) Acetophenone	8.528	105	140437	45.43	ng	#	96
24) Nitrobenzene	8.905	77	106849	40.46	ng	#	79
25) Isophorone	9.434	82	194593	42.07	ng	#	89
26) 2-Nitrophenol	9.610	139	47095	45.98	ng	#	73
27) 2,4-Dimethylphenol	9.681	122	82238	49.93	ng		89
28) bis(2-Chloroethoxy)met...	9.910	93	113654	48.55	ng	#	94
29) 2,4-Dichlorophenol	10.146	162	81444	44.19	ng		93
30) 1,2,4-Trichlorobenzene	10.357	180	85497	41.30	ng		97
31) Naphthalene	10.546	128	252980	41.65	ng		99
32) Benzoic acid	9.834	122	62083	50.77	ng	#	73
33) 4-Chloroaniline	10.663	127	47153	19.19	ng	#	85
34) Hexachlorobutadiene	10.822	225	53598	40.24	ng		97
35) Caprolactam	11.457	113	30651m	50.68	ng		
36) 4-Chloro-3-methylphenol	11.793	107	97287	43.70	ng		84
37) 2-Methylnaphthalene	12.163	142	183379	41.81	ng		96
38) 1-Methylnaphthalene	12.387	142	166949	40.61	ng		98
40) 1,2,4,5-Tetrachloroben...	12.534	216	98087	43.52	ng	#	98
41) Hexachlorocyclopentadiene	12.510	237	129040	105.25	ng		99
43) 2,4,6-Trichlorophenol	12.781	196	66061	42.40	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	73750	43.71	ng	#	91
46) 1,1'-Biphenyl	13.187	154	233268	44.19	ng		97
47) 2-Chloronaphthalene	13.228	162	180997	42.12	ng		98
48) 2-Nitroaniline	13.440	65	65034	47.50	ng	#	61
49) Acenaphthylene	14.081	152	302452	45.26	ng		99
50) Dimethylphthalate	13.828	163	229507	43.05	ng		99
51) 2,6-Dinitrotoluene	13.940	165	53191	42.34	ng	#	65
52) Acenaphthene	14.428	154	179964	43.76	ng		95
53) 3-Nitroaniline	14.275	138	32593	28.19	ng	#	60
54) 2,4-Dinitrophenol	14.487	184	74751	98.25	ng	#	81
55) Dibenzofuran	14.763	168	271613	40.30	ng		99
56) 4-Nitrophenol	14.593	139	96698	101.94	ng	#	51
57) 2,4-Dinitrotoluene	14.734	165	73473	44.28	ng	#	63
58) Fluorene	15.416	166	227748	41.85	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.993	232	64294	41.31	ng		99
60) Diethylphthalate	15.198	149	232167	44.52	ng		97
61) 4-Chlorophenyl-phenyle...	15.416	204	119425	41.34	ng		95
62) 4-Nitroaniline	15.451	138	54697	46.04	ng		78
63) Azobenzene	15.704	77	244178	40.97	ng		87
65) 4,6-Dinitro-2-methylph...	15.504	198	45166	43.39	ng		92
66) n-Nitrosodiphenylamine	15.634	169	201543	43.95	ng		96
67) 4-Bromophenyl-phenylether	16.310	248	71082	43.01	ng		95
68) Hexachlorobenzene	16.422	284	78760	42.37	ng		96
69) Atrazine	16.592	200	77083	50.61	ng		97
70) Pentachlorophenol	16.769	266	112627	91.78	ng		99
71) Phenanthrene	17.163	178	357327	43.21	ng		99
72) Anthracene	17.257	178	365752	45.27	ng		98
73) Carbazole	17.534	167	333090	43.88	ng		99
74) Di-n-butylphthalate	18.086	149	407755	48.81	ng	#	98
75) Fluoranthene	19.139	202	424972	43.68	ng		97
77) Benzidine	19.328	184	245522	76.54	ng		99
78) Pyrene	19.498	202	432599	43.06	ng		98
80) Butylbenzylphthalate	20.375	149	183759	49.29	ng	#	76
81) Benzo(a)anthracene	21.204	228	444029	44.70	ng		97
82) 3,3'-Dichlorobenzidine	21.139	252	116028	34.76	ng		98
83) Chrysene	21.257	228	423731	43.46	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	277752	50.82	ng		97
85) Di-n-octyl phthalate	22.022	149	477836	51.85	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.851	276	500842	45.21	ng		99
88) Benzo(b)fluoranthene	22.816	252	439016	41.84	ng		99
89) Benzo(k)fluoranthene	22.857	252	422902	42.06	ng		98
90) Benzo(a)pyrene	23.404	252	389594	41.41	ng		99
91) Dibenzo(a,h)anthracene	25.863	278	424702	44.33	ng		99
92) Benzo(g,h,i)perylene	26.568	276	413897	44.77	ng		97

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

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