Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005193.D
Acq On : 06 Apr 2021 12:59
Operator : CG/JU
Sample : PB135526BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135526BS

Manual Integrations APPROVED
mohammad
4/8/2021 8:07:09 AM

Quant Time: Apr 06 14:29:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	17775	20.00	ng	#	0.00
21) Naphthalene-d8	10.493	136	70932	20.00	ng	#	0.00
39) Acenaphthene-d10	14.357	164	44891	20.00	ng		0.00
64) Phenanthrene-d10	17.122	188	92219	20.00	ng	#	0.00
76) Chrysene-d12	21.216	240	95444	20.00	ng		0.00
86) Perylene-d12	23.498	264	99662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	173305	150.04	ng		0.00
7) Phenol-d6	6.887	99	213861	129.26	ng		0.00
23) Nitrobenzene-d5	8.863	82	133842	80.96	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	68710	117.47	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	260824	78.60	ng		0.00
79) Terphenyl-d14	19.692	244	423217	80.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	21563	42.87	ng	#	93
3) Pyridine	3.628	79	59298	47.42	ng		98
4) n-Nitrosodimethylamine	3.540	42	23009	51.46	ng	#	81
6) Aniline	7.034	93	77188	41.17	ng	#	87
8) 2-Chlorophenol	7.269	128	58456	47.98	ng		84
9) Benzaldehyde	6.852	77	41851	49.67	ng	#	77
10) Phenol	6.911	94	81978	48.35	ng		85
11) bis(2-Chloroethyl)ether	7.134	93	59083	47.60	ng		93
12) 1,3-Dichlorobenzene	7.587	146	61830	45.68	ng	#	89
13) 1,4-Dichlorobenzene	7.734	146	61966	45.09	ng	#	95
14) 1,2-Dichlorobenzene	8.052	146	61197	46.43	ng	#	93
15) Benzyl Alcohol	7.946	79	59647	46.73	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.228	45	47273	51.92	ng		97
17) 2-Methylphenol	8.152	107	52381	48.41	ng	#	87
18) Hexachloroethane	8.769	117	23044	44.01	ng		93
19) n-Nitroso-di-n-propyla...	8.511	70	46751	43.56	ng	#	91
20) 3+4-Methylphenols	8.481	107	69879	47.29	ng		95
22) Acetophenone	8.528	105	89888	44.08	ng	#	94
24) Nitrobenzene	8.905	77	68701	39.43	ng	#	81
25) Isophorone	9.428	82	125837	41.24	ng	#	89
26) 2-Nitrophenol	9.611	139	29763	44.05	ng	#	72
27) 2,4-Dimethylphenol	9.681	122	54542	50.20	ng		89
28) bis(2-Chloroethoxy)met...	9.910	93	73120	47.35	ng		98
29) 2,4-Dichlorophenol	10.146	162	51595	42.44	ng		92
30) 1,2,4-Trichlorobenzene	10.358	180	56965	41.72	ng		98
31) Naphthalene	10.540	128	165971	41.42	ng		99
32) Benzoic acid	9.840	122	39583	49.07	ng	#	64
33) 4-Chloroaniline	10.663	127	31539	19.45	ng	#	84
34) Hexachlorobutadiene	10.822	225	35385	40.27	ng		98
35) Caprolactam	11.463	113	19998m	50.13	ng		
36) 4-Chloro-3-methylphenol	11.799	107	62888	42.82	ng		84
37) 2-Methylnaphthalene	12.163	142	115064	39.77	ng		94
38) 1-Methylnaphthalene	12.387	142	109489	40.37	ng		97
40) 1,2,4,5-Tetrachloroben...	12.534	216	62458	42.73	ng	#	98
41) Hexachlorocyclopentadiene	12.510	237	73002	91.81	ng		99
43) 2,4,6-Trichlorophenol	12.781	196	43609	43.16	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	47057	43.00	ng	#	92
46) 1,1'-Biphenyl	13.187	154	147057	42.95	ng		97
47) 2-Chloronaphthalene	13.228	162	115006	41.26	ng		97
48) 2-Nitroaniline	13.440	65	41962	47.25	ng	#	58
49) Acenaphthylene	14.081	152	192790	44.48	ng		99
50) Dimethylphthalate	13.822	163	145319	42.03	ng		99
51) 2,6-Dinitrotoluene	13.946	165	33684	41.34	ng	#	69
52) Acenaphthene	14.422	154	112038	42.00	ng		99
53) 3-Nitroaniline	14.275	138	23626	31.50	ng	#	60
54) 2,4-Dinitrophenol	14.487	184	37850	76.70	ng	#	80
55) Dibenzofuran	14.763	168	173226	39.63	ng		99
56) 4-Nitrophenol	14.598	139	60506	98.34	ng	#	58
57) 2,4-Dinitrotoluene	14.740	165	46727	43.42	ng	#	67
58) Fluorene	15.416	166	144683	40.99	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.993	232	41189	40.80	ng		97
60) Diethylphthalate	15.193	149	145815	43.11	ng		98
61) 4-Chlorophenyl-phenyle...	15.410	204	74414	39.72	ng		98
62) 4-Nitroaniline	15.445	138	34618	44.93	ng	#	66
63) Azobenzene	15.704	77	151718	39.25	ng		87
65) 4,6-Dinitro-2-methylph...	15.504	198	23689	35.20	ng		87
66) n-Nitrosodiphenylamine	15.628	169	128927	43.49	ng		99
67) 4-Bromophenyl-phenylether	16.310	248	45210	42.31	ng		97
68) Hexachlorobenzene	16.422	284	49648	41.32	ng		98
69) Atrazine	16.592	200	48177	48.93	ng		97
70) Pentachlorophenol	16.769	266	69123	87.13	ng		94
71) Phenanthrene	17.163	178	225521	42.18	ng		97
72) Anthracene	17.251	178	235267	45.04	ng		98
73) Carbazole	17.534	167	214339	43.68	ng		99
74) Di-n-butylphthalate	18.087	149	259211	48.00	ng	#	99
75) Fluoranthene	19.139	202	271207	43.12	ng		97
77) Benzidine	19.328	184	155438	74.23	ng		98
78) Pyrene	19.492	202	276789	42.20	ng		99
80) Butylbenzylphthalate	20.369	149	119253	49.00	ng	#	75
81) Benzo(a)anthracene	21.204	228	287818	44.39	ng		98
82) 3,3'-Dichlorobenzidine	21.139	252	80826	37.09	ng		98
83) Chrysene	21.257	228	274277	43.10	ng		98
84) Bis(2-ethylhexyl)phtha...	21.128	149	178021	49.89	ng		98
85) Di-n-octyl phthalate	22.010	149	316423	52.60	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.851	276	354550	47.45	ng		99
88) Benzo(b)fluoranthene	22.810	252	308342	43.57	ng		99
89) Benzo(k)fluoranthene	22.857	252	280873	41.42	ng		98
90) Benzo(a)pyrene	23.404	252	265085	41.77	ng		100
91) Dibenzo(a,h)anthracene	25.857	278	303227	46.93	ng		99
92) Benzo(g,h,i)perylene	26.568	276	294810	47.28	ng		96

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

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