Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005281.D
Acq On : 13 Apr 2021 11:37
Operator : CG/JU
Sample : PB135663BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135663BS

Manual Integrations APPROVED
mohammad
4/14/2021 11:50:55 AM

Quant Time: Apr 14 02:38:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 18:44:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	43448	20.00	ng		# 0.00
21) Naphthalene-d8	10.463	136	144624	20.00	ng		# 0.00
39) Acenaphthene-d10	14.340	164	89002	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	181608	20.00	ng		# 0.00
76) Chrysene-d12	21.204	240	172400	20.00	ng		# 0.00
86) Perylene-d12	23.474	264	151545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	584904	141.28	ng		0.00
7) Phenol-d6	6.869	99	597523	126.49	ng		0.00
23) Nitrobenzene-d5	8.840	82	388441	84.70	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	146060	130.01	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	583864	88.56	ng		0.00
79) Terphenyl-d14	19.680	244	871018	99.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	71049	29.07	ng		96
3) Pyridine	3.605	79	186269	33.99	ng		93
4) n-Nitrosodimethylamine	3.522	42	63319	39.14	ng	#	85
6) Aniline	7.016	93	196403	38.63	ng	#	84
8) 2-Chlorophenol	7.246	128	142159	47.85	ng	#	73
9) Benzaldehyde	6.828	77	113670	36.54	ng	#	74
10) Phenol	6.893	94	230432	47.63	ng		74
11) bis(2-Chloroethyl)ether	7.111	93	165172	47.64	ng		86
12) 1,3-Dichlorobenzene	7.563	146	148493	45.93	ng	#	84
13) 1,4-Dichlorobenzene	7.710	146	145126	45.46	ng	#	89
14) 1,2-Dichlorobenzene	8.022	146	135871	44.78	ng	#	89
15) Benzyl Alcohol	7.928	79	148231	45.30	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.210	45	97522	48.31	ng		75
17) 2-Methylphenol	8.134	107	125036	47.12	ng	#	83
18) Hexachloroethane	8.746	117	62708	45.29	ng		88
19) n-Nitroso-di-n-propyla...	8.493	70	128221	44.13	ng	#	88
20) 3+4-Methylphenols	8.463	107	160711	46.23	ng		88
22) Acetophenone	8.505	105	236361	46.39	ng	#	90
24) Nitrobenzene	8.881	77	206420	43.54	ng	#	67
25) Isophorone	9.410	82	331709	43.36	ng	#	82
26) 2-Nitrophenol	9.587	139	55709	42.31	ng	#	27
27) 2,4-Dimethylphenol	9.657	122	109885	51.54	ng	#	80
28) bis(2-Chloroethoxy)met...	9.887	93	178647	49.26	ng	#	97
29) 2,4-Dichlorophenol	10.122	162	106540	44.96	ng		86
30) 1,2,4-Trichlorobenzene	10.328	180	122541	45.10	ng		98
31) Naphthalene	10.516	128	353767	44.67	ng		99
32) Benzoic acid	9.840	122	54456	38.93	ng	#	36
33) 4-Chloroaniline	10.640	127	63509	21.52	ng	#	74
34) Hexachlorobutadiene	10.793	225	85412	45.38	ng		98
35) Caprolactam	11.451	113	32891m	41.82	ng		
36) 4-Chloro-3-methylphenol	11.781	107	140729	45.92	ng	#	75
37) 2-Methylnaphthalene	12.140	142	246100	45.84	ng	#	91
38) 1-Methylnaphthalene	12.363	142	226381	44.55	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.510	216	144222	48.09	ng	#	96
41) Hexachlorocyclopentadiene	12.487	237	162990	117.96	ng		95
43) 2,4,6-Trichlorophenol	12.763	196	86686	46.01	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	93270	45.37	ng	#	84
46) 1,1'-Biphenyl	13.163	154	315798	46.81	ng		95
47) 2-Chloronaphthalene	13.204	162	244217	45.81	ng		94
48) 2-Nitroaniline	13.422	65	96668	42.13	ng	#	40
49) Acenaphthylene	14.057	152	401497	48.69	ng		100
50) Dimethylphthalate	13.804	163	301718	46.18	ng		100
51) 2,6-Dinitrotoluene	13.928	165	66050	45.46	ng	#	9
52) Acenaphthene	14.404	154	237920	47.23	ng		99
53) 3-Nitroaniline	14.257	138	35130	25.34	ng	#	18
54) 2,4-Dinitrophenol	14.475	184	67621	73.47	ng	#	53
55) Dibenzofuran	14.740	168	379114	45.18	ng		93
56) 4-Nitrophenol	14.592	139	105553	94.83	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	95091	47.08	ng	#	13
58) Fluorene	15.398	166	314091	46.19	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	84914	46.38	ng	#	94
60) Diethylphthalate	15.175	149	313687	46.94	ng		100
61) 4-Chlorophenyl-phenyle...	15.392	204	167668	46.99	ng		98
62) 4-Nitroaniline	15.434	138	61413m	41.25	ng		
63) Azobenzene	15.687	77	459939	44.60	ng		78
65) 4,6-Dinitro-2-methylph...	15.492	198	44426	36.43	ng	#	66
66) n-Nitrosodiphenylamine	15.610	169	262297	47.80	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	98883	47.66	ng		93
68) Hexachlorobenzene	16.404	284	110943	50.02	ng		91
69) Atrazine	16.575	200	94166	49.05	ng		99
70) Pentachlorophenol	16.757	266	131475	98.24	ng		98
71) Phenanthrene	17.145	178	474619	46.23	ng		99
72) Anthracene	17.239	178	486103	48.87	ng		98
73) Carbazole	17.516	167	413237	43.51	ng		99
74) Di-n-butylphthalate	18.069	149	512012	48.25	ng	#	96
75) Fluoranthene	19.128	202	546222	43.38	ng		99
77) Benzidine	19.316	184	160965	51.02	ng		100
78) Pyrene	19.480	202	562401	52.49	ng		98
80) Butylbenzylphthalate	20.357	149	177833	44.42	ng	#	60
81) Benzo(a)anthracene	21.186	228	530379	46.63	ng		99
82) 3,3'-Dichlorobenzidine	21.122	252	122553	36.82	ng		99
83) Chrysene	21.239	228	494806	44.72	ng		98
84) Bis(2-ethylhexyl)phtha...	21.116	149	286787	45.59	ng		98
85) Di-n-octyl phthalate	21.992	149	466724	41.30	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.810	276	555119	47.92	ng	#	93
88) Benzo(b)fluoranthene	22.786	252	493792	49.78	ng		98
89) Benzo(k)fluoranthene	22.833	252	449385	47.26	ng	#	97
90) Benzo(a)pyrene	23.374	252	420369	45.79	ng	#	97
91) Dibenzo(a,h)anthracene	25.815	278	470332	46.57	ng	#	95
92) Benzo(g,h,i)perylene	26.521	276	454773	46.56	ng	#	92

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

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