Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005235.D
Acq On : 08 Apr 2021 14:34
Operator : CG/JU
Sample : PB135596BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135596BS

Manual Integrations APPROVED
mohammad
4/9/2021 11:18:45 AM

Quant Time: Apr 08 15:03:19 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	7.693	152	24015	20.00	ng		# 0.00
21) Naphthalene-d8	10.487	136	88510	20.00	ng		# 0.00
39) Acenaphthene-d10	14.357	164	59165	20.00	ng		0.00
64) Phenanthrene-d10	17.122	188	125799	20.00	ng		0.00
76) Chrysene-d12	21.222	240	151944	20.00	ng		0.00
86) Perylene-d12	23.504	264	168758	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	199612	127.92	ng		0.00
7) Phenol-d6	6.881	99	248731	111.28	ng		0.00
23) Nitrobenzene-d5	8.858	82	137788	66.80	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	93635	121.47	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	280041	64.03	ng		0.00
79) Terphenyl-d14	19.698	244	508615	60.94	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	39679	58.39	ng	#	94
3) Pyridine	3.617	79	93675	55.44	ng		95
4) n-Nitrosodimethylamine	3.534	42	30530	50.53	ng	#	91
6) Aniline	7.028	93	61269	24.19	ng	#	86
8) 2-Chlorophenol	7.263	128	71265	43.30	ng		82
9) Benzaldehyde	6.846	77	53859	47.31	ng	#	77
10) Phenol	6.905	94	101137	44.15	ng		86
11) bis(2-Chloroethyl)ether	7.128	93	72013	42.94	ng		90
12) 1,3-Dichlorobenzene	7.581	146	76633	41.91	ng	#	88
13) 1,4-Dichlorobenzene	7.728	146	77642	41.82	ng		94
14) 1,2-Dichlorobenzene	8.040	146	73963	41.53	ng		94
15) Benzyl Alcohol	7.940	79	68994	40.01	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.228	45	52186	42.42	ng		94
17) 2-Methylphenol	8.152	107	65385	44.72	ng	#	89
18) Hexachloroethane	8.763	117	29839	42.18	ng		96
19) n-Nitroso-di-n-propyla...	8.505	70	56138	38.71	ng	#	89
20) 3+4-Methylphenols	8.475	107	85049	42.60	ng		95
22) Acetophenone	8.522	105	111773	43.93	ng		94
24) Nitrobenzene	8.899	77	85781	39.46	ng	#	83
25) Isophorone	9.422	82	152275	40.00	ng	#	89
26) 2-Nitrophenol	9.610	139	36457	43.24	ng	#	75
27) 2,4-Dimethylphenol	9.675	122	64684	47.71	ng		88
28) bis(2-Chloroethoxy)met...	9.905	93	89132	46.25	ng		95
29) 2,4-Dichlorophenol	10.140	162	65219	42.99	ng		94
30) 1,2,4-Trichlorobenzene	10.352	180	72230	42.39	ng		95
31) Naphthalene	10.534	128	202095	40.42	ng		99
32) Benzoic acid	9.846	122	43832	43.55	ng	#	73
33) 4-Chloroaniline	10.663	127	17225	8.52	ng	#	81
34) Hexachlorobutadiene	10.816	225	47215	43.06	ng		99
35) Caprolactam	11.457	113	22049m	44.29	ng		
36) 4-Chloro-3-methylphenol	11.799	107	73538	40.13	ng		86
37) 2-Methylnaphthalene	12.157	142	144837	40.12	ng		95
38) 1-Methylnaphthalene	12.381	142	133823m	39.54	ng		
40) 1,2,4,5-Tetrachloroben...	12.534	216	85326	44.29	ng	#	97
41) Hexachlorocyclopentadiene	12.504	237	106234	101.37	ng		99
43) 2,4,6-Trichlorophenol	12.781	196	53377	40.08	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	60342	41.83	ng		94
46) 1,1'-Biphenyl	13.181	154	181821	40.29	ng		95
47) 2-Chloronaphthalene	13.222	162	145895	39.72	ng		99
48) 2-Nitroaniline	13.440	65	47441	40.53	ng	#	60
49) Acenaphthylene	14.075	152	237786	41.62	ng		99
50) Dimethylphthalate	13.822	163	175213	38.45	ng	#	98
51) 2,6-Dinitrotoluene	13.945	165	41129	38.30	ng	#	70
52) Acenaphthene	14.422	154	140647	40.01	ng		96
53) 3-Nitroaniline	14.275	138	14713	14.88	ng	#	78
54) 2,4-Dinitrophenol	14.487	184	53311	81.97	ng	#	81
55) Dibenzofuran	14.757	168	223307	38.76	ng		99
56) 4-Nitrophenol	14.598	139	64605	79.67	ng	#	52
57) 2,4-Dinitrotoluene	14.740	165	57420	40.48	ng	#	63
58) Fluorene	15.416	166	180863	38.88	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	53748	40.40	ng		93
60) Diethylphthalate	15.192	149	171291	38.43	ng		97
61) 4-Chlorophenyl-phenyle...	15.410	204	99986	40.49	ng		94
62) 4-Nitroaniline	15.445	138	39694	39.09	ng	#	75
63) Azobenzene	15.704	77	186235	36.55	ng		88
65) 4,6-Dinitro-2-methylph...	15.504	198	36227	39.46	ng		91
66) n-Nitrosodiphenylamine	15.628	169	155779	38.52	ng		96
67) 4-Bromophenyl-phenylether	16.310	248	63193	43.36	ng		96
68) Hexachlorobenzene	16.422	284	72144	44.01	ng		98
69) Atrazine	16.592	200	57459	42.78	ng		97
70) Pentachlorophenol	16.775	266	86778	80.18	ng		99
71) Phenanthrene	17.163	178	282747	38.77	ng		99
72) Anthracene	17.257	178	289627	40.65	ng		99
73) Carbazole	17.534	167	262214	39.17	ng		98
74) Di-n-butylphthalate	18.086	149	298552	40.53	ng	#	98
75) Fluoranthene	19.145	202	355986	41.49	ng		99
77) Benzidine	19.328	184	159537	47.86	ng		99
78) Pyrene	19.498	202	366860	35.14	ng		98
80) Butylbenzylphthalate	20.375	149	145136	37.46	ng	#	79
81) Benzo(a)anthracene	21.204	228	409203	39.64	ng		97
82) 3,3'-Dichlorobenzidine	21.145	252	76286	21.99	ng		96
83) Chrysene	21.257	228	391203	38.61	ng		97
84) Bis(2-ethylhexyl)phtha...	21.133	149	215778	37.99	ng	#	95
85) Di-n-octyl phthalate	22.016	149	391889	40.92	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.851	276	541546	42.80	ng		96
88) Benzo(b)fluoranthene	22.810	252	444682	37.11	ng		98
89) Benzo(k)fluoranthene	22.857	252	417090	36.32	ng		99
90) Benzo(a)pyrene	23.404	252	393389	36.61	ng		99
91) Dibenzo(a,h)anthracene	25.863	278	464322	42.44	ng		98
92) Benzo(g,h,i)perylene	26.562	276	451377	42.75	ng	#	95

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

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