Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041921\
Data File : BP005341.D
Acq On : 19 Apr 2021 22:25
Operator : CG/JU
Sample : PB135822BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135822BS

Manual Integrations APPROVED
mohammad
4/21/2021 8:37:13 AM

Quant Time: Apr 20 02:09:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 02:04:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	20713	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	34683	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	28142	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	83830	20.00	ng	#	0.00
76) Chrysene-d12	21.174	240	123057	20.00	ng	#	0.00
86) Perylene-d12	23.433	264	115252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	240582	174.08	ng		0.00
7) Phenol-d6	6.840	99	256215	155.35	ng		0.00
23) Nitrobenzene-d5	8.810	82	121954	96.98	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	86652	175.12	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	191274	89.89	ng		0.00
79) Terphenyl-d14	19.651	244	584287	92.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	36930	40.20	ng	#	88
3) Pyridine	3.581	79	96700	52.10	ng		92
4) n-Nitrosodimethylamine	3.493	42	37306	54.74	ng	#	70
6) Aniline	6.987	93	63914	44.23	ng		99
8) 2-Chlorophenol	7.216	128	63025	48.71	ng		90
9) Benzaldehyde	6.799	77	38463	52.35	ng		88
10) Phenol	6.863	94	93823	57.10	ng		98
11) bis(2-Chloroethyl)ether	7.081	93	65652	54.57	ng		98
12) 1,3-Dichlorobenzene	7.534	146	82520	49.44	ng		93
13) 1,4-Dichlorobenzene	7.681	146	79713	49.76	ng		95
14) 1,2-Dichlorobenzene	7.993	146	68147	45.12	ng		94
15) Benzyl Alcohol	7.899	79	37195	52.05	ng		85
16) 2,2'-oxybis(1-Chloropr...	8.181	45	35175	48.10	ng		99
17) 2-Methylphenol	8.105	107	39047	48.98	ng		95
18) Hexachloroethane	8.710	117	26738	44.33	ng		93
19) n-Nitroso-di-n-propyla...	8.457	70	35303	48.55	ng	#	90
20) 3+4-Methylphenols	8.434	107	44880	46.49	ng		95
22) Acetophenone	8.475	105	88134	54.11	ng	#	98
24) Nitrobenzene	8.852	77	62267	50.53	ng		96
25) Isophorone	9.375	82	64818	49.39	ng	#	94
26) 2-Nitrophenol	9.557	139	16205	48.40	ng		91
27) 2,4-Dimethylphenol	9.628	122	28551	58.20	ng		97
28) bis(2-Chloroethoxy)met...	9.857	93	37151	55.50	ng		96
29) 2,4-Dichlorophenol	10.099	162	29975	50.88	ng		94
30) 1,2,4-Trichlorobenzene	10.299	180	40037	49.31	ng		98
31) Naphthalene	10.487	128	97905	47.96	ng		99
32) Benzoic acid	9.804	122	15813	47.27	ng	#	86
33) 4-Chloroaniline	10.610	127	11358	17.20	ng	#	86
34) Hexachlorobutadiene	10.763	225	33123	47.43	ng		92
35) Caprolactam	11.410	113	6467m	45.03	ng		
36) 4-Chloro-3-methylphenol	11.751	107	27518	47.01	ng		91
37) 2-Methylnaphthalene	12.110	142	64618	51.62	ng		95
38) 1-Methylnaphthalene	12.328	142	60685	49.93	ng		97
40) 1,2,4,5-Tetrachloroben...	12.481	216	50046	48.07	ng	#	97
41) Hexachlorocyclopentadiene	12.457	237	58217	139.76	ng		98
43) 2,4,6-Trichlorophenol	12.734	196	25286	45.85	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	27698	45.41	ng		96
46) 1,1'-Biphenyl	13.134	154	92714	46.30	ng		97
47) 2-Chloronaphthalene	13.175	162	74700	45.80	ng		97
48) 2-Nitroaniline	13.398	65	21315	51.90	ng		86
49) Acenaphthylene	14.028	152	133000	53.86	ng		100
50) Dimethylphthalate	13.775	163	91136	49.85	ng		97
51) 2,6-Dinitrotoluene	13.898	165	21924	47.22	ng		95
52) Acenaphthene	14.375	154	83521	50.74	ng		97
53) 3-Nitroaniline	14.234	138	9673	25.41	ng		89
54) 2,4-Dinitrophenol	14.451	184	29970	115.47	ng		92
55) Dibenzofuran	14.710	168	155918	52.39	ng		99
56) 4-Nitrophenol	14.563	139	34111	116.26	ng	#	78
57) 2,4-Dinitrotoluene	14.698	165	36741	51.85	ng		96
58) Fluorene	15.363	166	138851	57.05	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.945	232	37609m	57.23	ng		
60) Diethylphthalate	15.145	149	113596	60.41	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	80508	58.43	ng		97
62) 4-Nitroaniline	15.404	138	21187	54.16	ng	#	84
63) Azobenzene	15.657	77	165420	54.30	ng		93
65) 4,6-Dinitro-2-methylph...	15.469	198	22702	41.50	ng		94
66) n-Nitrosodiphenylamine	15.581	169	111761	47.68	ng		93
67) 4-Bromophenyl-phenylether	16.263	248	54468	52.91	ng		97
68) Hexachlorobenzene	16.375	284	65792	50.24	ng		97
69) Atrazine	16.551	200	45584	54.24	ng		95
70) Pentachlorophenol	16.728	266	70607	111.09	ng		96
71) Phenanthrene	17.116	178	244965	48.60	ng		98
72) Anthracene	17.204	178	251014	52.71	ng		98
73) Carbazole	17.486	167	210783	48.89	ng		99
74) Di-n-butylphthalate	18.039	149	197684	51.46	ng		98
75) Fluoranthene	19.098	202	308729	50.28	ng		97
77) Benzidine	19.286	184	112752	69.64	ng		100
78) Pyrene	19.451	202	333924	49.60	ng		100
80) Butylbenzylphthalate	20.327	149	74265	47.24	ng		93
81) Benzo(a)anthracene	21.157	228	375435	48.50	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	54878	28.61	ng	#	98
83) Chrysene	21.210	228	356988	46.34	ng		100
84) Bis(2-ethylhexyl)phtha...	21.086	149	119989	48.67	ng		98
85) Di-n-octyl phthalate	21.963	149	228241	49.94	ng		97
87) Indeno(1,2,3-cd)pyrene	25.751	276	437804	48.53	ng	#	97
88) Benzo(b)fluoranthene	22.751	252	389257	49.42	ng	#	97
89) Benzo(k)fluoranthene	22.798	252	351663	46.57	ng	#	98
90) Benzo(a)pyrene	23.333	252	319935	45.25	ng		99
91) Dibenzo(a,h)anthracene	25.757	278	369927	46.94	ng		98
92) Benzo(g,h,i)perylene	26.457	276	353812	47.81	ng		98

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

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