Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005416.D
Acq On : 29 Apr 2021 18:57
Operator : CG/JU
Sample : M2196-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WALL-D-4075-AMSD

Manual Integrations APPROVED
mohammad
5/3/2021 10:48:19 AM

Quant Time: Apr 30 01:12:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 16:42:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	29865	20.00	ng		0.00
21) Naphthalene-d8	10.416	136	103939	20.00	ng		0.00
39) Acenaphthene-d10	14.293	164	72182	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	171219	20.00	ng		0.00
76) Chrysene-d12	21.163	240	242336	20.00	ng		0.00
86) Perylene-d12	23.416	264	268614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	253901	148.74	ng		0.00
7) Phenol-d6	6.822	99	314869	131.79	ng		0.00
23) Nitrobenzene-d5	8.793	82	246953	84.21	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	189505	126.57	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	495830	82.00	ng		0.00
79) Terphenyl-d14	19.639	244	996015	73.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	37429	39.50	ng		96
3) Pyridine	3.558	79	90492	42.51	ng	#	85
4) n-Nitrosodimethylamine	3.475	42	44746	49.63	ng	#	28
6) Aniline	6.963	93	103692	39.09	ng	#	81
8) 2-Chlorophenol	7.199	128	90950	51.32	ng		86
9) Benzaldehyde	6.781	77	89952	72.39	ng	#	75
10) Phenol	6.846	94	132693	55.71	ng	#	65
11) bis(2-Chloroethyl)ether	7.063	93	85681	52.23	ng		98
12) 1,3-Dichlorobenzene	7.516	146	103685	48.55	ng	#	84
13) 1,4-Dichlorobenzene	7.663	146	109370	50.42	ng		97
14) 1,2-Dichlorobenzene	7.975	146	100408	47.95	ng		96
15) Benzyl Alcohol	7.881	79	114557	52.29	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.152	45	37858	53.02	ng	#	48
17) 2-Methylphenol	8.087	107	79325	52.03	ng	#	82
18) Hexachloroethane	8.693	117	44840	50.22	ng		94
19) n-Nitroso-di-n-propyla...	8.440	70	89773	47.62	ng	#	82
20) 3+4-Methylphenols	8.416	107	106896	51.25	ng		89
22) Acetophenone	8.458	105	156004	49.87	ng	#	97
24) Nitrobenzene	8.834	77	137171	45.78	ng		90
25) Isophorone	9.357	82	213983	44.90	ng		94
26) 2-Nitrophenol	9.540	139	49972	50.35	ng	#	81
27) 2,4-Dimethylphenol	9.610	122	83134	55.78	ng	#	76
28) bis(2-Chloroethoxy)met...	9.840	93	108978	52.87	ng		99
29) 2,4-Dichlorophenol	10.075	162	99929	49.29	ng		96
30) 1,2,4-Trichlorobenzene	10.281	180	121509	47.27	ng		99
31) Naphthalene	10.463	128	264230	47.62	ng		98
32) Benzoic acid	9.793	122	58852	53.91	ng	#	65
33) 4-Chloroaniline	10.593	127	38807	17.43	ng	#	90
34) Hexachlorobutadiene	10.740	225	99115	44.33	ng		99
35) Caprolactam	11.404	113	25613m	45.07	ng		
36) 4-Chloro-3-methylphenol	11.740	107	104405	48.01	ng		91
37) 2-Methylnaphthalene	12.087	142	202949	47.08	ng		96
38) 1-Methylnaphthalene	12.310	142	184919	45.17	ng		96
40) 1,2,4,5-Tetrachloroben...	12.463	216	157726	50.07	ng		97
41) Hexachlorocyclopentadiene	12.434	237	119663	86.94	ng		94
43) 2,4,6-Trichlorophenol	12.716	196	96852	50.33	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	103341	50.25	ng		91
46) 1,1'-Biphenyl	13.116	154	277504	51.24	ng		98
47) 2-Chloronaphthalene	13.157	162	223012	50.35	ng		98
48) 2-Nitroaniline	13.381	65	77866	53.46	ng		94
49) Acenaphthylene	14.016	152	330278	50.40	ng		99
50) Dimethylphthalate	13.763	163	296111	50.59	ng		98
51) 2,6-Dinitrotoluene	13.887	165	60874	46.93	ng		94
52) Acenaphthene	14.357	154	196651	48.17	ng		95
53) 3-Nitroaniline	14.222	138	27198	26.15	ng		96
54) 2,4-Dinitrophenol	14.440	184	66380	79.79	ng		87
55) Dibenzofuran	14.698	168	353214	48.14	ng		98
56) 4-Nitrophenol	14.551	139	85728	107.80	ng	#	86
57) 2,4-Dinitrotoluene	14.687	165	89975	48.02	ng	#	92
58) Fluorene	15.351	166	294060	48.39	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.934	232	96484	47.39	ng		93
60) Diethylphthalate	15.134	149	287326	49.98	ng		98
61) 4-Chlorophenyl-phenyle...	15.345	204	181129	47.55	ng		97
62) 4-Nitroaniline	15.392	138	44131	45.74	ng		94
63) Azobenzene	15.645	77	320319	45.65	ng		97
65) 4,6-Dinitro-2-methylph...	15.451	198	45336	35.09	ng		94
66) n-Nitrosodiphenylamine	15.569	169	241567	48.76	ng		93
67) 4-Bromophenyl-phenylether	16.245	248	117136	48.82	ng		96
68) Hexachlorobenzene	16.357	284	133402	48.33	ng	#	88
69) Atrazine	16.534	200	109561	48.90	ng		99
70) Pentachlorophenol	16.716	266	169458	113.82	ng		96
71) Phenanthrene	17.098	178	453684	48.78	ng		99
72) Anthracene	17.192	178	466055	49.89	ng		99
73) Carbazole	17.475	167	388595	46.88	ng		99
74) Di-n-butylphthalate	18.034	149	477872	52.66	ng	#	95
75) Fluoranthene	19.086	202	628149	49.01	ng		98
77) Benzidine	19.275	184	243085	58.65	ng		99
78) Pyrene	19.439	202	651685	47.08	ng		99
80) Butylbenzylphthalate	20.322	149	231246	52.10	ng		89
81) Benzo(a)anthracene	21.151	228	747416	47.55	ng		100
82) 3,3'-Dichlorobenzidine	21.086	252	253198	46.87	ng		96
83) Chrysene	21.204	228	741764	48.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.075	149	359870	52.16	ng		98
85) Di-n-octyl phthalate	21.951	149	625096	53.36	ng		99
87) Indeno(1,2,3-cd)pyrene	25.727	276	1118315	51.74	ng		99
88) Benzo(b)fluoranthene	22.739	252	852775	47.68	ng		98
89) Benzo(k)fluoranthene	22.780	252	849002	49.68	ng		99
90) Benzo(a)pyrene	23.321	252	835686	51.25	ng		100
91) Dibenzo(a,h)anthracene	25.739	278	956324	50.82	ng		99
92) Benzo(g,h,i)perylene	26.433	276	889422	50.91	ng	#	96

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

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