Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
Data File : BP005430.D
Acq On : 30 Apr 2021 12:56
Operator : CG/JU
Sample : M2217-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01MS

Manual Integrations APPROVED
mohammad
5/3/2021 10:50:47 AM

Quant Time: Apr 30 13:42:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:27:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	29981	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	105804	20.00	ng		# 0.00
39) Acenaphthene-d10	14.292	164	77215	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	188538	20.00	ng		0.00
76) Chrysene-d12	21.163	240	282991	20.00	ng		0.00
86) Perylene-d12	23.415	264	281939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	170995	99.79	ng		0.00
7) Phenol-d6	6.816	99	219853	91.67	ng		0.00
23) Nitrobenzene-d5	8.787	82	178718	59.87	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	139925	87.36	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	371622	57.46	ng		0.00
79) Terphenyl-d14	19.645	244	3710580	235.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	33612	35.33	ng		92
3) Pyridine	3.558	79	94329	44.14	ng	#	83
4) n-Nitrosodimethylamine	3.475	42	42031	46.43	ng	#	31
6) Aniline	6.963	93	89386	33.56	ng	#	84
8) 2-Chlorophenol	7.193	128	89526	50.32	ng		85
9) Benzaldehyde	6.775	77	87152	69.86	ng	#	73
10) Phenol	6.846	94	129267	54.06	ng	#	65
11) bis(2-Chloroethyl)ether	7.063	93	82495	50.10	ng		95
12) 1,3-Dichlorobenzene	7.510	146	99140	46.25	ng	#	85
13) 1,4-Dichlorobenzene	7.657	146	102690	47.16	ng		97
14) 1,2-Dichlorobenzene	7.969	146	97765	46.51	ng		95
15) Benzyl Alcohol	7.875	79	116281	52.87	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.146	45	36437	50.83	ng	#	61
17) 2-Methylphenol	8.081	107	79741	52.10	ng	#	83
18) Hexachloroethane	8.687	117	42277	47.17	ng		92
19) n-Nitroso-di-n-propyla...	8.440	70	89135	47.10	ng	#	84
20) 3+4-Methylphenols	8.410	107	107317	51.26	ng		90
22) Acetophenone	8.452	105	152829	47.99	ng	#	98
24) Nitrobenzene	8.828	77	136236	44.66	ng	#	89
25) Isophorone	9.351	82	212298	43.76	ng		94
26) 2-Nitrophenol	9.534	139	50068	49.56	ng	#	75
27) 2,4-Dimethylphenol	9.604	122	84954	55.99	ng	#	82
28) bis(2-Chloroethoxy)met...	9.840	93	106804	50.90	ng		99
29) 2,4-Dichlorophenol	10.075	162	100080	48.49	ng		96
30) 1,2,4-Trichlorobenzene	10.275	180	116853	44.65	ng		99
31) Naphthalene	10.463	128	259361	45.92	ng		98
32) Benzoic acid	9.793	122	62775	56.49	ng	#	65
33) 4-Chloroaniline	10.587	127	32038	14.14	ng		96
34) Hexachlorobutadiene	10.740	225	95051	41.77	ng		96
35) Caprolactam	11.410	113	28696m	49.61	ng		
36) 4-Chloro-3-methylphenol	11.734	107	108418	48.98	ng		90
37) 2-Methylnaphthalene	12.087	142	201446	45.91	ng		96
38) 1-Methylnaphthalene	12.310	142	185146	44.87	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	158565	47.05	ng	#	97
41) Hexachlorocyclopentadiene	12.434	237	138298	93.26	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	99854	48.50	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	109070	49.58	ng		92
46) 1,1'-Biphenyl	13.116	154	280357	48.39	ng		97
47) 2-Chloronaphthalene	13.157	162	224498	47.38	ng		100
48) 2-Nitroaniline	13.381	65	81781	52.48	ng		94
49) Acenaphthylene	14.010	152	339449	48.43	ng		98
50) Dimethylphthalate	13.757	163	319743	51.06	ng		100
51) 2,6-Dinitrotoluene	13.881	165	64177	46.25	ng		96
52) Acenaphthene	14.357	154	200124	45.83	ng		97
53) 3-Nitroaniline	14.216	138	33032	29.68	ng		97
54) 2,4-Dinitrophenol	14.434	184	88913	99.90	ng	#	74
55) Dibenzofuran	14.692	168	363592	46.32	ng		95
56) 4-Nitrophenol	14.551	139	91790	107.90	ng	#	74
57) 2,4-Dinitrotoluene	14.687	165	96933	48.36	ng	#	92
58) Fluorene	15.351	166	307991	47.38	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	102418	47.03	ng		93
60) Diethylphthalate	15.134	149	315827	51.36	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	190212	46.68	ng		99
62) 4-Nitroaniline	15.392	138	50115	48.56	ng	#	88
63) Azobenzene	15.639	77	346443	46.16	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	61273	43.06	ng		91
66) n-Nitrosodiphenylamine	15.569	169	258308	47.35	ng		92
67) 4-Bromophenyl-phenylether	16.245	248	124080	46.96	ng		97
68) Hexachlorobenzene	16.357	284	142356	46.84	ng		91
69) Atrazine	16.533	200	118656	48.09	ng		97
70) Pentachlorophenol	16.710	266	182197	111.13	ng		94
71) Phenanthrene	17.098	178	500669	48.89	ng		100
72) Anthracene	17.192	178	504714	49.07	ng		99
73) Carbazole	17.475	167	455859	49.95	ng		100
74) Di-n-butylphthalate	18.028	149	597203	59.76	ng	#	96
75) Fluoranthene	19.086	202	767894	54.41	ng		99
77) Benzidine	19.275	184	239848	49.56	ng		99
78) Pyrene	19.439	202	803381	49.70	ng		100
80) Butylbenzylphthalate	20.316	149	373934	72.14	ng		85
81) Benzo(a)anthracene	21.151	228	1034846	56.38	ng		99
82) 3,3'-Dichlorobenzidine	21.086	252	206889	32.79	ng		96
83) Chrysene	21.204	228	1007603	56.32	ng		99
84) Bis(2-ethylhexyl)phtha...	21.074	149	557677	69.22	ng		97
85) Di-n-octyl phthalate	21.951	149	734781	53.72	ng		98
87) Indeno(1,2,3-cd)pyrene	25.733	276	1046519	46.13	ng		98
88) Benzo(b)fluoranthene	22.739	252	903596	48.13	ng		98
89) Benzo(k)fluoranthene	22.780	252	907251	50.58	ng		100
90) Benzo(a)pyrene	23.321	252	841117	49.14	ng		99
91) Dibenzo(a,h)anthracene	25.739	278	902237	45.68	ng		99
92) Benzo(g,h,i)perylene	26.439	276	819379	44.69	ng		96

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

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