Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032221\
Data File : BP005018.D
Acq On : 22 Mar 2021 17:06
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP032221

Manual Integrations APPROVED
mohammad
3/23/2021 11:22:29 AM

Quant Time: Mar 22 17:42:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 17:08:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	39320	20.00	ng		# 0.00
21) Naphthalene-d8	10.522	136	156515	20.00	ng		# 0.00
39) Acenaphthene-d10	14.387	164	101794	20.00	ng		0.01
64) Phenanthrene-d10	17.145	188	198901	20.00	ng		# 0.01
76) Chrysene-d12	21.233	240	189696	20.00	ng		0.00
86) Perylene-d12	23.521	264	188967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	202318	81.28	ng		0.00
7) Phenol-d6	6.905	99	280044	82.82	ng		0.00
23) Nitrobenzene-d5	8.887	82	245420	83.47	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	107090	74.49	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	570806	76.89	ng		0.00
79) Terphenyl-d14	19.716	244	860054	82.50	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	39082	44.44	ng		95
3) Pyridine	3.658	79	98058	41.14	ng		98
4) n-Nitrosodimethylamine	3.564	42	38475	42.86	ng	#	65
6) Aniline	7.063	93	155291	41.67	ng		92
8) 2-Chlorophenol	7.293	128	114505	40.93	ng		93
9) Benzaldehyde	6.875	77	61575	45.85	ng		90
10) Phenol	6.928	94	138598	41.25	ng		88
11) bis(2-Chloroethyl)ether	7.157	93	101966	41.90	ng		98
12) 1,3-Dichlorobenzene	7.616	146	122972	40.13	ng	#	90
13) 1,4-Dichlorobenzene	7.763	146	124025	39.71	ng	#	93
14) 1,2-Dichlorobenzene	8.081	146	119835	39.93	ng	#	94
15) Benzyl Alcohol	7.975	79	99644	43.10	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.252	45	80119	40.91	ng		97
17) 2-Methylphenol	8.175	107	94221	40.88	ng	#	93
18) Hexachloroethane	8.799	117	45783	40.68	ng		87
19) n-Nitroso-di-n-propyla...	8.540	70	78370	42.03	ng	#	91
20) 3+4-Methylphenols	8.504	107	129725	41.39	ng		96
22) Acetophenone	8.552	105	162602	40.39	ng	#	95
24) Nitrobenzene	8.934	77	124710	41.04	ng		87
25) Isophorone	9.457	82	228155	41.96	ng		93
26) 2-Nitrophenol	9.640	139	62612	41.83	ng	#	77
27) 2,4-Dimethylphenol	9.704	122	96387	41.38	ng		93
28) bis(2-Chloroethoxy)met...	9.940	93	121428	41.04	ng		100
29) 2,4-Dichlorophenol	10.169	162	106016	41.18	ng		91
30) 1,2,4-Trichlorobenzene	10.387	180	112319	39.83	ng		99
31) Naphthalene	10.569	128	360882	40.50	ng		99
32) Benzoic acid	9.846	122	74269	42.66	ng		87
33) 4-Chloroaniline	10.687	127	147282	41.53	ng	#	92
34) Hexachlorobutadiene	10.851	225	68574	40.32	ng		100
35) Caprolactam	11.481	113	36265	44.57	ng		87
36) 4-Chloro-3-methylphenol	11.816	107	125470	42.48	ng		85
37) 2-Methylnaphthalene	12.187	142	256028	40.65	ng	#	96
38) 1-Methylnaphthalene	12.410	142	241939	41.11	ng		99
40) 1,2,4,5-Tetrachloroben...	12.557	216	114779	37.63	ng	#	98
41) Hexachlorocyclopentadiene	12.540	237	66131	39.04	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	84475	38.72	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	89976	38.31	ng	#	88
46) 1,1'-Biphenyl	13.210	154	304139	38.40	ng		97
47) 2-Chloronaphthalene	13.251	162	242629	38.25	ng		95
48) 2-Nitroaniline	13.463	65	69398	41.32	ng	#	69
49) Acenaphthylene	14.104	152	393117	39.00	ng		100
50) Dimethylphthalate	13.845	163	307657	38.97	ng		99
51) 2,6-Dinitrotoluene	13.963	165	71482	39.53	ng	#	72
52) Acenaphthene	14.445	154	238489	38.54	ng		97
53) 3-Nitroaniline	14.298	138	71990	40.14	ng	#	81
54) 2,4-Dinitrophenol	14.498	184	43195	40.31	ng	#	80
55) Dibenzofuran	14.786	168	383600	38.71	ng		95
56) 4-Nitrophenol	14.610	139	61987	40.69	ng	#	68
57) 2,4-Dinitrotoluene	14.757	165	100197	40.88	ng	#	73
58) Fluorene	15.439	166	308981	38.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	79633m	38.43	ng		
60) Diethylphthalate	15.216	149	314388	39.69	ng		98
61) 4-Chlorophenyl-phenyle...	15.434	204	151683	38.51	ng		94
62) 4-Nitroaniline	15.463	138	76526	41.39	ng	#	70
63) Azobenzene	15.728	77	288866	39.88	ng		88
65) 4,6-Dinitro-2-methylph...	15.522	198	59537	42.38	ng		83
66) n-Nitrosodiphenylamine	15.651	169	270979	40.92	ng		96
67) 4-Bromophenyl-phenylether	16.333	248	92146	40.71	ng		94
68) Hexachlorobenzene	16.445	284	105105	39.54	ng		97
69) Atrazine	16.610	200	88840	42.86	ng		97
70) Pentachlorophenol	16.792	266	70059	40.98	ng		96
71) Phenanthrene	17.186	178	473357	40.44	ng		99
72) Anthracene	17.275	178	467714	40.91	ng		98
73) Carbazole	17.551	167	451482	41.05	ng		98
74) Di-n-butylphthalate	18.110	149	525092	42.57	ng	#	98
75) Fluoranthene	19.157	202	535396	40.36	ng		98
77) Benzidine	19.345	184	187823	47.72	ng		99
78) Pyrene	19.510	202	550613	41.88	ng		98
80) Butylbenzylphthalate	20.392	149	234352	43.85	ng	#	85
81) Benzo(a)anthracene	21.221	228	521319	40.94	ng		98
82) 3,3'-Dichlorobenzidine	21.157	252	180856	41.82	ng		99
83) Chrysene	21.269	228	503440	40.50	ng		98
84) Bis(2-ethylhexyl)phtha...	21.151	149	341007	43.69	ng		99
85) Di-n-octyl phthalate	22.033	149	573763	43.68	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.880	276	591434	40.89	ng		98
88) Benzo(b)fluoranthene	22.833	252	557302	42.19	ng		99
89) Benzo(k)fluoranthene	22.880	252	504570	40.09	ng		99
90) Benzo(a)pyrene	23.427	252	488100	41.25	ng		100
91) Dibenzo(a,h)anthracene	25.892	278	514960	40.97	ng		100
92) Benzo(g,h,i)perylene	26.592	276	490075	40.46	ng		98

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

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