Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052021\
Data File : BP005620.D
Acq On : 20 May 2021 13:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 14:20:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 20 14:18:01 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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5/21/2021 3:21:55 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152	8061	20.00	ng		0.00
21) Naphthalene-d8	10.446	136	27970	20.00	ng	#	0.00
39) Acenaphthene-d10	14.310	164	26995	20.00	ng		0.00
64) Phenanthrene-d10	17.063	188	74358	20.00	ng	#	0.00
76) Chrysene-d12	21.169	240	108526	20.00	ng	#	0.00
86) Perylene-d12	23.457	264	117709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	31745	75.58	ng		0.00
7) Phenol-d6	6.858	99	40033	76.43	ng		0.00
23) Nitrobenzene-d5	8.828	82	57547	80.98	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	59757	78.01	ng		0.00
45) 2-Fluorobiphenyl	12.928	172	178114	74.43	ng		0.00
79) Terphenyl-d14	19.639	244	510802	79.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88	6926	42.57	ng	#	84
3) Pyridine	3.558	79	15521	41.73	ng	#	76
4) n-Nitrosodimethylamine	3.470	42	14404	48.16	ng	#	1
6) Aniline	6.999	93	21098	37.32	ng	#	68
8) 2-Chlorophenol	7.228	128	17094	37.89	ng		88
9) Benzaldehyde	6.816	77	13045	49.71	ng	#	72
10) Phenol	6.881	94	18788	35.86	ng	#	29
11) bis(2-Chloroethyl)ether	7.099	93	12788	35.34	ng		92
12) 1,3-Dichlorobenzene	7.546	146	22166	36.93	ng	#	81
13) 1,4-Dichlorobenzene	7.693	146	22221	37.14	ng		99
14) 1,2-Dichlorobenzene	8.005	146	21621	37.71	ng		97
15) Benzyl Alcohol	7.922	79	20031	39.65	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.199	45	6617	37.04	ng		71
17) 2-Methylphenol	8.128	107	13667	37.99	ng	#	68
18) Hexachloroethane	8.716	117	11287	45.55	ng		92
19) n-Nitroso-di-n-propyla...	8.475	70	17041	44.43	ng	#	86
20) 3+4-Methylphenols	8.463	107	18701	39.10	ng	#	81
22) Acetophenone	8.493	105	29052	36.82	ng	#	80
24) Nitrobenzene	8.869	77	27668	38.81	ng	#	90
25) Isophorone	9.393	82	41990	38.16	ng	#	93
26) 2-Nitrophenol	9.581	139	10933	36.63	ng	#	66
27) 2,4-Dimethylphenol	9.652	122	14363	36.35	ng	#	67
28) bis(2-Chloroethoxy)met...	9.875	93	17079	37.07	ng	#	97
29) 2,4-Dichlorophenol	10.122	162	23850	38.44	ng		94
30) 1,2,4-Trichlorobenzene	10.310	180	31330	39.53	ng		99
31) Naphthalene	10.499	128	57227	38.05	ng		97
32) Benzoic acid	9.869	122	10300	33.75	ng	#	75
33) 4-Chloroaniline	10.634	127	21627	36.92	ng	#	89
34) Hexachlorobutadiene	10.769	225	30489	46.13	ng		98
35) Caprolactam	11.451	113	5383m	37.71	ng		
36) 4-Chloro-3-methylphenol	11.781	107	22134	40.02	ng		96
37) 2-Methylnaphthalene	12.122	142	49207	40.78	ng		91
38) 1-Methylnaphthalene	12.340	142	46959	41.23	ng		97
40) 1,2,4,5-Tetrachloroben...	12.493	216	47121	37.99	ng		99
41) Hexachlorocyclopentadiene	12.457	237	16666	36.69	ng		94
43) 2,4,6-Trichlorophenol	12.751	196	29412	37.96	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.840	196	28569	34.16	ng		94
46)	1,1'-Biphenyl	13.140	154	74693	35.94	ng		94
47)	2-Chloronaphthalene	13.181	162	63372	36.62	ng		97
48)	2-Nitroaniline	13.410	65	18788	38.22	ng		91
49)	Acenaphthylene	14.034	152	91618	36.75	ng		98
50)	Dimethylphthalate	13.787	163	85160	36.54	ng		99
51)	2,6-Dinitrotoluene	13.910	165	18569	35.49	ng		95
52)	Acenaphthene	14.375	154	56072	36.15	ng		96
53)	3-Nitroaniline	14.245	138	13123	35.00	ng		92
54)	2,4-Dinitrophenol	14.487	184	11095	35.15	ng	#	73
55)	Dibenzofuran	14.710	168	111383	38.17	ng		96
56)	4-Nitrophenol	14.598	139	11234	39.70	ng	#	70
57)	2,4-Dinitrotoluene	14.710	165	28379	36.78	ng	#	82
58)	Fluorene	15.363	166	92780	38.94	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.951	232	32852	39.29	ng		97
60)	Diethylphthalate	15.145	149	84683	37.52	ng		96
61)	4-Chlorophenyl-phenyle...	15.357	204	63177	42.38	ng		98
62)	4-Nitroaniline	15.422	138	12822	35.60	ng	#	56
63)	Azobenzene	15.651	77	101544	43.65	ng		85
65)	4,6-Dinitro-2-methylph...	15.481	198	21076	35.77	ng		97
66)	n-Nitrosodiphenylamine	15.581	169	79469	36.62	ng	#	92
67)	4-Bromophenyl-phenylether	16.257	248	45688	39.36	ng		99
68)	Hexachlorobenzene	16.369	284	55530	37.72	ng		97
69)	Atrazine	16.545	200	38603	38.08	ng		97
70)	Pentachlorophenol	16.728	266	31321	40.10	ng		93
71)	Phenanthrene	17.110	178	159060	37.64	ng		98
72)	Anthracene	17.198	178	158343	37.76	ng		99
73)	Carbazole	17.486	167	133446	36.14	ng		100
74)	Di-n-butylphthalate	18.033	149	151610	37.40	ng		99
75)	Fluoranthene	19.086	202	227232	39.10	ng		97
77)	Benzidine	19.286	184	60601	36.08	ng		98
78)	Pyrene	19.439	202	236952	38.56	ng		99
80)	Butylbenzylphthalate	20.322	149	72624	36.58	ng		91
81)	Benzo(a)anthracene	21.157	228	269792	38.36	ng		99
82)	3,3'-Dichlorobenzidine	21.092	252	94671	35.73	ng		95
83)	Chrysene	21.204	228	265988	39.02	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.074	149	109796	36.17	ng		97
85)	Di-n-octyl phthalate	21.957	149	191786	37.61	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	25.839	276	359137	36.27	ng	#	95
88)	Benzo(b)fluoranthene	22.763	252	310412	39.57	ng	#	98
89)	Benzo(k)fluoranthene	22.810	252	290898	37.93	ng	#	98
90)	Benzo(a)pyrene	23.357	252	273241	38.00	ng	#	98
91)	Dibenzo(a,h)anthracene	25.845	278	315148	36.07	ng	#	98
92)	Benzo(g,h,i)perylene	26.562	276	304669	37.68	ng	#	93

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

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