Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022621\
Data File : BP004862.D
Acq On : 26 Feb 2021 14:50
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/1/2021 12:37:07 PM

Quant Time: Feb 26 15:42:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 15:39:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	38721	20.00	ng		# 0.00
21) Naphthalene-d8	10.539	136	152300	20.00	ng		# 0.00
39) Acenaphthene-d10	14.398	164	95821	20.00	ng		0.00
64) Phenanthrene-d10	17.151	188	206120	20.00	ng		# 0.00
76) Chrysene-d12	21.245	240	210810	20.00	ng		0.00
86) Perylene-d12	23.539	264	208215	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	191321	76.29	ng		0.00
7) Phenol-d6	6.928	99	264039	76.56	ng		0.00
23) Nitrobenzene-d5	8.904	82	256861	73.48	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	101785	79.95	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	577892	73.71	ng		0.00
79) Terphenyl-d14	19.721	244	950124	75.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	39576	36.88	ng		97
3) Pyridine	3.669	79	103666	38.15	ng		90
4) n-Nitrosodimethylamine	3.581	42	40844	36.12	ng	#	67
6) Aniline	7.081	93	148009	38.48	ng	#	86
8) 2-Chlorophenol	7.316	128	105730	40.35	ng		88
9) Benzaldehyde	6.893	77	69621	48.07	ng		84
10) Phenol	6.951	94	134079	40.16	ng		76
11) bis(2-Chloroethyl)ether	7.175	93	95533	37.42	ng		93
12) 1,3-Dichlorobenzene	7.634	146	117882	36.97	ng	#	89
13) 1,4-Dichlorobenzene	7.781	146	121612	37.55	ng	#	94
14) 1,2-Dichlorobenzene	8.098	146	116453	37.49	ng		94
15) Benzyl Alcohol	7.992	79	106239	41.03	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.281	45	63089	30.55	ng		81
17) 2-Methylphenol	8.198	107	90203	39.99	ng	#	89
18) Hexachloroethane	8.822	117	46010	37.91	ng		88
19) n-Nitroso-di-n-propyla...	8.557	70	85773	41.16	ng	#	91
20) 3+4-Methylphenols	8.522	107	124759	41.67	ng		91
22) Acetophenone	8.569	105	163320	36.89	ng	#	91
24) Nitrobenzene	8.951	77	133227	38.56	ng	#	81
25) Isophorone	9.475	82	233626	41.82	ng	#	90
26) 2-Nitrophenol	9.657	139	59251	43.29	ng	#	64
27) 2,4-Dimethylphenol	9.722	122	90250	42.39	ng	#	85
28) bis(2-Chloroethoxy)met...	9.957	93	119299	33.15	ng		98
29) 2,4-Dichlorophenol	10.192	162	105556	41.05	ng		93
30) 1,2,4-Trichlorobenzene	10.404	180	113683	35.78	ng		96
31) Naphthalene	10.586	128	338150	38.04	ng		99
32) Benzoic acid	9.869	122	67669	42.36	ng	#	77
33) 4-Chloroaniline	10.704	127	138904	38.08	ng	#	90
34) Hexachlorobutadiene	10.875	225	76022	35.62	ng		98
35) Caprolactam	11.498	113	32406	39.87	ng		89
36) 4-Chloro-3-methylphenol	11.839	107	121038	39.63	ng		85
37) 2-Methylnaphthalene	12.204	142	244452	38.66	ng	#	95
38) 1-Methylnaphthalene	12.428	142	231839	38.74	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	126998	36.89	ng	#	97
41) Hexachlorocyclopentadiene	12.557	237	74177	37.88	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	87793	40.48	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	94133	41.30	ng	#	92
46) 1,1'-Biphenyl	13.227	154	300456	37.46	ng		97
47) 2-Chloronaphthalene	13.269	162	242290	36.85	ng		95
48) 2-Nitroaniline	13.480	65	75597	38.95	ng	#	64
49) Acenaphthylene	14.116	152	389149	40.07	ng		99
50) Dimethylphthalate	13.863	163	304591	36.14	ng		98
51) 2,6-Dinitrotoluene	13.980	165	71891	42.33	ng	#	64
52) Acenaphthene	14.463	154	233417	37.90	ng		97
53) 3-Nitroaniline	14.310	138	69818	39.52	ng	#	74
54) 2,4-Dinitrophenol	14.516	184	42430	43.37	ng	#	73
55) Dibenzofuran	14.798	168	380451	39.29	ng		97
56) 4-Nitrophenol	14.627	139	57715	41.65	ng	#	41
57) 2,4-Dinitrotoluene	14.769	165	98059	42.14	ng	#	65
58) Fluorene	15.451	166	313779	39.44	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.027	232	86259m	39.78	ng		
60) Diethylphthalate	15.227	149	309370	36.62	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	162431	36.77	ng		97
62) 4-Nitroaniline	15.480	138	73977	38.34	ng	#	61
63) Azobenzene	15.739	77	321500	40.52	ng		84
65) 4,6-Dinitro-2-methylph...	15.533	198	62760	49.84	ng		88
66) n-Nitrosodiphenylamine	15.663	169	273359	40.78	ng		94
67) 4-Bromophenyl-phenylether	16.345	248	97857	36.87	ng	#	91
68) Hexachlorobenzene	16.457	284	104946	36.29	ng		92
69) Atrazine	16.621	200	94928	43.17	ng		99
70) Pentachlorophenol	16.804	266	71446	44.15	ng		100
71) Phenanthrene	17.198	178	488428	38.70	ng		99
72) Anthracene	17.286	178	481587	39.69	ng		98
73) Carbazole	17.563	167	461908	41.49	ng		99
74) Di-n-butylphthalate	18.121	149	531271	38.89	ng	#	98
75) Fluoranthene	19.168	202	574821	38.23	ng		99
77) Benzidine	19.357	184	233447	65.12	ng		100
78) Pyrene	19.521	202	590219	39.70	ng		98
80) Butylbenzylphthalate	20.398	149	244479	41.85	ng	#	79
81) Benzo(a)anthracene	21.227	228	585313	39.15	ng		99
82) 3,3'-Dichlorobenzidine	21.162	252	207679	43.83	ng		100
83) Chrysene	21.280	228	571040	39.44	ng		97
84) Bis(2-ethylhexyl)phtha...	21.156	149	354435	40.19	ng		98
85) Di-n-octyl phthalate	22.045	149	606936	42.44	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.909	276	625929	37.65	ng		97
88) Benzo(b)fluoranthene	22.845	252	596439	39.11	ng		100
89) Benzo(k)fluoranthene	22.892	252	567663	38.78	ng		99
90) Benzo(a)pyrene	23.445	252	541668	39.30	ng		98
91) Dibenzo(a,h)anthracene	25.921	278	544145	39.24	ng		97
92) Benzo(g,h,i)perylene	26.633	276	525081	39.46	ng		96

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

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