Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
Data File : BP003686.D
Acq On : 21 Oct 2020 10:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 21 12:37:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 14:54:24 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
10/22/2020 1:00:57 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	125982	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	422066	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	258575	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	538215	20.00	ng		0.00
76) Chrysene-d12	21.845	240	481547	20.00	ng	#	0.00
86) Perylene-d12	24.415	264	457013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	591057	78.45	ng		0.00
7) Phenol-d6	7.675	99	814639	76.53	ng		0.00
23) Nitrobenzene-d5	9.693	82	783877	78.57	ng		0.00
42) 2,4,6-Tribromophenol	16.592	330	299229	74.18	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	1590506	79.52	ng		0.00
79) Terphenyl-d14	20.304	244	2211099	80.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	128308	39.86	ng	#	86
3) Pyridine	4.128	79	356807	39.19	ng	#	89
4) n-Nitrosodimethylamine	4.028	42	152181	39.19	ng	#	62
6) Aniline	7.822	93	448614	37.97	ng	#	85
8) 2-Chlorophenol	8.093	128	287325	38.31	ng		81
9) Benzaldehyde	7.622	77	200971	39.04	ng	#	78
10) Phenol	7.699	94	393736	38.84	ng		78
11) bis(2-Chloroethyl)ether	7.904	93	309510	38.47	ng		91
12) 1,3-Dichlorobenzene	8.422	146	377472	39.02	ng	#	90
13) 1,4-Dichlorobenzene	8.563	146	377598	38.65	ng	#	93
14) 1,2-Dichlorobenzene	8.899	146	355752	38.43	ng	#	94
15) Benzyl Alcohol	8.751	79	305739	37.57	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	9.051	45	306615	38.46	ng		97
17) 2-Methylphenol	8.975	107	254192	37.86	ng	#	88
18) Hexachloroethane	9.651	117	146323	38.87	ng		94
19) n-Nitroso-di-n-propyla...	9.328	70	238026	36.60	ng	#	84
20) 3+4-Methylphenols	9.304	107	337520	37.34	ng		90
22) Acetophenone	9.346	105	473457	38.33	ng	#	87
24) Nitrobenzene	9.734	77	375255	39.07	ng	#	75
25) Isophorone	10.257	82	604235	37.58	ng	#	88
26) 2-Nitrophenol	10.463	139	138041	38.48	ng	#	60
27) 2,4-Dimethylphenol	10.516	122	213258	37.85	ng	#	82
28) bis(2-Chloroethoxy)met...	10.728	93	390318	38.06	ng		97
29) 2,4-Dichlorophenol	11.010	162	282537	38.23	ng		94
30) 1,2,4-Trichlorobenzene	11.234	180	369876	39.05	ng		98
31) Naphthalene	11.422	128	869631	38.22	ng		99
32) Benzoic acid	10.651	122	119763m	32.16	ng		
33) 4-Chloroaniline	11.504	127	350369	37.36	ng	#	85
34) Hexachlorobutadiene	11.734	225	278944	39.03	ng		99
35) Caprolactam	12.222	113	73883	34.14	ng	#	60
36) 4-Chloro-3-methylphenol	12.598	107	295253	36.82	ng	#	81
37) 2-Methylnaphthalene	12.987	142	621441	37.64	ng	#	94
38) 1-Methylnaphthalene	13.204	142	581042	37.23	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.357	216	415576	40.58	ng		98
41) Hexachlorocyclopentadiene	13.351	237	249433	42.07	ng		98
43) 2,4,6-Trichlorophenol	13.575	196	240195	39.42	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	248372	39.24	ng	#	94
46) 1,1'-Biphenyl	13.963	154	797490	39.55	ng		98
47) 2-Chloronaphthalene	14.010	162	666390	39.52	ng		99
48) 2-Nitroaniline	14.186	65	194757	39.11	ng	#	58
49) Acenaphthylene	14.845	152	933910	38.80	ng		99
50) Dimethylphthalate	14.545	163	779978	36.71	ng		99
51) 2,6-Dinitrotoluene	14.657	165	163879	37.92	ng	#	62
52) Acenaphthene	15.186	154	625037	38.47	ng		92
53) 3-Nitroaniline	14.992	138	161443	38.06	ng	#	68
54) 2,4-Dinitrophenol	15.186	184	71805	32.38	ng	#	1
55) Dibenzofuran	15.510	168	940267	38.28	ng		98
56) 4-Nitrophenol	15.292	139	114805	36.17	ng	#	40
57) 2,4-Dinitrotoluene	15.439	165	216837	37.09	ng	#	66
58) Fluorene	16.157	166	747000	37.69	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.739	232	226370	37.29	ng		92
60) Diethylphthalate	15.886	149	747106	35.89	ng		98
61) 4-Chlorophenyl-phenyle...	16.128	204	448946	37.46	ng		97
62) 4-Nitroaniline	16.139	138	168140	35.73	ng	#	50
63) Azobenzene	16.422	77	730510	37.34	ng		86
65) 4,6-Dinitro-2-methylph...	16.210	198	103115	36.34	ng		90
66) n-Nitrosodiphenylamine	16.333	169	632989	39.51	ng		98
67) 4-Bromophenyl-phenylether	17.016	248	285200	39.58	ng		98
68) Hexachlorobenzene	17.180	284	321894	38.82	ng		97
69) Atrazine	17.257	200	232520	37.22	ng		96
70) Pentachlorophenol	17.504	266	150513	36.75	ng		99
71) Phenanthrene	17.880	178	1140289	38.12	ng		99
72) Anthracene	17.969	178	1099772	38.07	ng		99
73) Carbazole	18.210	167	952529	37.06	ng		99
74) Di-n-butylphthalate	18.716	149	1131819	36.08	ng	#	98
75) Fluoranthene	19.792	202	1313422	35.74	ng		98
77) Benzidine	19.927	184	448962	38.91	ng		99
78) Pyrene	20.139	202	1325293	41.09	ng		98
80) Butylbenzylphthalate	20.939	149	445974	37.75	ng	#	76
81) Benzo(a)anthracene	21.833	228	1240190	38.63	ng		99
82) 3,3'-Dichlorobenzidine	21.733	252	434043	38.61	ng	#	97
83) Chrysene	21.886	228	1188902	39.06	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	628183	37.15	ng		99
85) Di-n-octyl phthalate	22.657	149	1010004	36.80	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.103	276	1410227	42.99	ng	#	91
88) Benzo(b)fluoranthene	23.633	252	1220156	38.26	ng	#	97
89) Benzo(k)fluoranthene	23.680	252	1163750	38.24	ng	#	97
90) Benzo(a)pyrene	24.304	252	1107585	38.95	ng	#	97
91) Dibenzo(a,h)anthracene	27.103	278	1175547	42.87	ng	#	94
92) Benzo(g,h,i)perylene	27.927	276	1134271	44.63	ng	#	91

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

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