Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
Data File : BP003701.D
Acq On : 22 Oct 2020 17:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/23/2020 1:32:49 PM

Quant Time: Oct 22 18:10:05 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	175305	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	635827	20.00	ng	#	0.00
39) Acenaphthene-d10	15.128	164	447222	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	1043140	20.00	ng		0.00
76) Chrysene-d12	21.857	240	1156901	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	1085130	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	795601	75.89	ng		0.00
7) Phenol-d6	7.675	99	1160867	78.37	ng		0.00
23) Nitrobenzene-d5	9.693	82	1116185	74.26	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	647286	92.77	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2572728	74.37	ng		0.00
79) Terphenyl-d14	20.310	244	4900518	74.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	159231	35.55	ng	#	88
3) Pyridine	4.128	79	473679	37.39	ng		93
4) n-Nitrosodimethylamine	4.022	42	184570	34.15	ng	#	67
6) Aniline	7.822	93	650536	39.57	ng	#	88
8) 2-Chlorophenol	8.093	128	403099	38.62	ng		84
9) Benzaldehyde	7.622	77	287047	40.43	ng	#	80
10) Phenol	7.699	94	554137	39.29	ng		83
11) bis(2-Chloroethyl)ether	7.911	93	430900	38.49	ng		93
12) 1,3-Dichlorobenzene	8.422	146	515242	38.28	ng	#	92
13) 1,4-Dichlorobenzene	8.563	146	518691	38.16	ng		96
14) 1,2-Dichlorobenzene	8.899	146	492775	38.26	ng		96
15) Benzyl Alcohol	8.758	79	448292	39.59	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.052	45	418777	37.75	ng		99
17) 2-Methylphenol	8.975	107	369056	39.50	ng	#	91
18) Hexachloroethane	9.652	117	196442	37.50	ng		92
19) n-Nitroso-di-n-propyla...	9.328	70	353741	39.09	ng	#	87
20) 3+4-Methylphenols	9.305	107	505065	40.15	ng		92
22) Acetophenone	9.346	105	699718	37.60	ng	#	90
24) Nitrobenzene	9.740	77	528574	36.53	ng	#	79
25) Isophorone	10.263	82	947768	39.13	ng	#	90
26) 2-Nitrophenol	10.463	139	229777	42.52	ng	#	69
27) 2,4-Dimethylphenol	10.516	122	335334	39.51	ng		85
28) bis(2-Chloroethoxy)met...	10.728	93	595104	38.52	ng		97
29) 2,4-Dichlorophenol	11.016	162	449146	40.34	ng		97
30) 1,2,4-Trichlorobenzene	11.234	180	553676	38.80	ng		98
31) Naphthalene	11.422	128	1298347	37.88	ng		99
32) Benzoic acid	10.669	122	238523	40.90	ng	#	73
33) 4-Chloroaniline	11.504	127	562252	39.80	ng	#	88
34) Hexachlorobutadiene	11.734	225	415015	38.54	ng		100
35) Caprolactam	12.234	113	142622	43.75	ng	#	67
36) 4-Chloro-3-methylphenol	12.604	107	488295	40.42	ng		84
37) 2-Methylnaphthalene	12.987	142	974786	39.19	ng	#	96
38) 1-Methylnaphthalene	13.204	142	923721m	39.29	ng		
40) 1,2,4,5-Tetrachloroben...	13.357	216	670943	37.88	ng		98
41) Hexachlorocyclopentadiene	13.357	237	365511	35.65	ng		98
43) 2,4,6-Trichlorophenol	13.581	196	423993	40.23	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	442070	40.38	ng		95
46) 1,1'-Biphenyl	13.963	154	1298599	37.24	ng		98
47) 2-Chloronaphthalene	14.016	162	1092545	37.46	ng		99
48) 2-Nitroaniline	14.187	65	328523	38.15	ng	#	64
49) Acenaphthylene	14.851	152	1579129	37.93	ng		99
50) Dimethylphthalate	14.545	163	1415779	38.53	ng		99
51) 2,6-Dinitrotoluene	14.663	165	303616	40.62	ng	#	78
52) Acenaphthene	15.187	154	1074031	38.22	ng		91
53) 3-Nitroaniline	14.993	138	295399	40.26	ng	#	65
54) 2,4-Dinitrophenol	15.192	184	157180	39.70	ng	#	1
55) Dibenzofuran	15.516	168	1616075	38.04	ng		99
56) 4-Nitrophenol	15.298	139	232662	42.38	ng	#	55
57) 2,4-Dinitrotoluene	15.445	165	426041	42.13	ng	#	77
58) Fluorene	16.157	166	1318754	38.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.740	232	448470	42.71	ng	#	88
60) Diethylphthalate	15.892	149	1380919	38.36	ng		97
61) 4-Chlorophenyl-phenyle...	16.134	204	814630	39.30	ng		93
62) 4-Nitroaniline	16.151	138	333001	40.92	ng	#	70
63) Azobenzene	16.422	77	1227299	36.27	ng		88
65) 4,6-Dinitro-2-methylph...	16.216	198	228346	41.52	ng		92
66) n-Nitrosodiphenylamine	16.339	169	1164930	37.51	ng		99
67) 4-Bromophenyl-phenylether	17.022	248	553378	39.62	ng		94
68) Hexachlorobenzene	17.186	284	648977	40.38	ng	#	91
69) Atrazine	17.263	200	468920	38.72	ng		96
70) Pentachlorophenol	17.510	266	354110	44.61	ng		98
71) Phenanthrene	17.886	178	2187065	37.73	ng		99
72) Anthracene	17.969	178	2131969	38.08	ng		99
73) Carbazole	18.216	167	1917934	38.51	ng		99
74) Di-n-butylphthalate	18.716	149	2387400	39.27	ng	#	98
75) Fluoranthene	19.798	202	2820372	39.60	ng		98
77) Benzidine	19.933	184	1059533	38.22	ng		99
78) Pyrene	20.145	202	2854304	36.84	ng		99
80) Butylbenzylphthalate	20.945	149	1084850	38.22	ng	#	83
81) Benzo(a)anthracene	21.839	228	2968364	38.48	ng		98
82) 3,3'-Dichlorobenzidine	21.739	252	1121932	41.54	ng	#	98
83) Chrysene	21.898	228	2784630	38.08	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1553328	38.23	ng	#	97
85) Di-n-octyl phthalate	22.663	149	2596178	39.37	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.115	276	2849374	36.58	ng	#	91
88) Benzo(b)fluoranthene	23.639	252	3007922	39.73	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	2739395	37.91	ng	#	96
90) Benzo(a)pyrene	24.316	252	2598289	38.49	ng	#	96
91) Dibenzo(a,h)anthracene	27.115	278	2409521	37.01	ng	#	93
92) Benzo(g,h,i)perylene	27.945	276	2190643	36.30	ng	#	91

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

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