Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
Data File : BP004004.D
Acq On : 19 Nov 2020 14:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 19 16:43:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.275	152	165065	20.00	ng		0.00
21) Naphthalene-d8	11.110	136	631404	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	392663	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	824192	20.00	ng	#	0.00
76) Chrysene-d12	21.680	240	709512	20.00	ng		0.00
86) Perylene-d12	24.168	264	759647	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	749209	75.75	ng		0.00
7) Phenol-d6	7.452	99	1072471	75.54	ng		0.00
23) Nitrobenzene-d5	9.446	82	973054	75.48	ng		0.00
42) 2,4,6-Tribromophenol	16.392	330	379711	77.31	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	2108925	75.09	ng		0.00
79) Terphenyl-d14	20.139	244	2914451	79.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	149682	35.08	ng	#	60
3) Pyridine	3.928	79	448904	35.87	ng	#	57
4) n-Nitrosodimethylamine	3.828	42	220936	38.35	ng	#	52
6) Aniline	7.581	93	612967	38.02	ng	#	83
8) 2-Chlorophenol	7.846	128	405685	38.63	ng	#	79
9) Benzaldehyde	7.381	77	259736	41.03	ng	#	79
10) Phenol	7.481	94	518771	37.87	ng		83
11) bis(2-Chloroethyl)ether	7.669	93	411371	37.36	ng	#	81
12) 1,3-Dichlorobenzene	8.169	146	484962	37.69	ng	#	95
13) 1,4-Dichlorobenzene	8.310	146	488708	37.67	ng		97
14) 1,2-Dichlorobenzene	8.646	146	467443	37.72	ng		96
15) Benzyl Alcohol	8.510	79	396701	40.34	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.805	45	677933	36.55	ng		81
17) 2-Methylphenol	8.740	107	352210	39.16	ng	#	93
18) Hexachloroethane	9.387	117	182490	39.58	ng		97
19) n-Nitroso-di-n-propyla...	9.081	70	332492	39.18	ng	#	74
20) 3+4-Methylphenols	9.069	107	468241	39.00	ng		92
22) Acetophenone	9.099	105	631896	37.29	ng	#	84
24) Nitrobenzene	9.487	77	492965	38.48	ng	#	81
25) Isophorone	10.010	82	870539	39.75	ng	#	90
26) 2-Nitrophenol	10.210	139	229205	45.82	ng	#	74
27) 2,4-Dimethylphenol	10.281	122	321522	38.53	ng		92
28) bis(2-Chloroethoxy)met...	10.481	93	556378	37.03	ng		97
29) 2,4-Dichlorophenol	10.769	162	398919	39.67	ng		94
30) 1,2,4-Trichlorobenzene	10.981	180	465419	37.99	ng		98
31) Naphthalene	11.163	128	1261817	37.24	ng		100
32) Benzoic acid	10.457	122	148975	29.33	ng	#	76
33) 4-Chloroaniline	11.252	127	537270	37.31	ng	#	89
34) Hexachlorobutadiene	11.469	225	307179	38.44	ng		99
35) Caprolactam	12.004	113	131837	42.40	ng	#	18
36) 4-Chloro-3-methylphenol	12.387	107	423524	39.02	ng		90
37) 2-Methylnaphthalene	12.751	142	900666	37.15	ng		98
38) 1-Methylnaphthalene	12.969	142	851881	36.83	ng		99
40) 1,2,4,5-Tetrachloroben...	13.128	216	494915	38.08	ng		99
41) Hexachlorocyclopentadiene	13.116	237	233371	35.60	ng		98
43) 2,4,6-Trichlorophenol	13.357	196	322450	40.14	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	329076	38.90	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1146045	37.60	ng		99
47) 2-Chloronaphthalene	13.787	162	937047	37.47	ng		99
48) 2-Nitroaniline	13.969	65	323124	43.30	ng	#	59
49) Acenaphthylene	14.628	152	1405745	38.28	ng		99
50) Dimethylphthalate	14.334	163	1169203	38.09	ng		100
51) 2,6-Dinitrotoluene	14.457	165	255586	40.58	ng	#	81
52) Acenaphthene	14.969	154	915557	37.43	ng		98
53) 3-Nitroaniline	14.787	138	279430	40.08	ng	#	75
54) 2,4-Dinitrophenol	15.004	184	95519	36.34	ng	#	84
55) Dibenzofuran	15.298	168	1357048	37.34	ng		99
56) 4-Nitrophenol	15.122	139	183012	36.42	ng	#	64
57) 2,4-Dinitrotoluene	15.245	165	353452	41.80	ng	#	73
58) Fluorene	15.945	166	1088266	37.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.540	232	274944	36.06	ng		98
60) Diethylphthalate	15.687	149	1162998	38.70	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	591982	37.22	ng		98
62) 4-Nitroaniline	15.951	138	294325	40.50	ng		88
63) Azobenzene	16.216	77	1067282	37.61	ng		84
65) 4,6-Dinitro-2-methylph...	16.028	198	163278	38.28	ng	#	80
66) n-Nitrosodiphenylamine	16.134	169	953017	37.77	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	371014	38.47	ng		99
68) Hexachlorobenzene	16.981	284	413215	37.55	ng		96
69) Atrazine	17.069	200	320726	38.72	ng		99
70) Pentachlorophenol	17.316	266	198982	37.80	ng		98
71) Phenanthrene	17.686	178	1699738	36.75	ng		100
72) Anthracene	17.775	178	1676007	37.52	ng		99
73) Carbazole	18.028	167	1553140	37.47	ng		99
74) Di-n-butylphthalate	18.539	149	1968698	41.03	ng	#	99
75) Fluoranthene	19.622	202	1936903	36.29	ng		99
77) Benzidine	19.763	184	596121	35.62	ng		99
78) Pyrene	19.969	202	1953927	40.58	ng		98
80) Butylbenzylphthalate	20.786	149	846440	47.18	ng	#	87
81) Benzo(a)anthracene	21.663	228	1802551	38.52	ng		98
82) 3,3'-Dichlorobenzidine	21.574	252	652568	40.43	ng		99
83) Chrysene	21.722	228	1705434	37.94	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1159139	43.83	ng		100
85) Di-n-octyl phthalate	22.469	149	2001116	45.42	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.751	276	1988371	36.28	ng		98
88) Benzo(b)fluoranthene	23.410	252	1762347	35.45	ng		99
89) Benzo(k)fluoranthene	23.457	252	1735612	35.36	ng		99
90) Benzo(a)pyrene	24.057	252	1664052	36.16	ng		99
91) Dibenzo(a,h)anthracene	26.745	278	1661742	36.38	ng		98
92) Benzo(g,h,i)perylene	27.545	276	1622626	36.70	ng		97

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

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