Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
Data File : BP004418.D
Acq On : 23 Dec 2020 11:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Dec 23 12:42:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.828	152	347921	20.00 ng	0.00
21) Naphthalene-d8	10.628	136	1318724	20.00 ng	# 0.00
39) Acenaphthene-d10	14.481	164	774775	20.00 ng	0.00
64) Phenanthrene-d10	17.239	188	1591920	20.00 ng	# 0.00
76) Chrysene-d12	21.333	240	1352963	20.00 ng	0.01
86) Perylene-d12	23.692	264	1300511	20.00 ng	0.02
System Monitoring Compounds					
5) 2-Fluorophenol	5.416	112	1695946	79.88 ng	0.00
7) Phenol-d6	7.005	99	2381777	79.68 ng	0.01
23) Nitrobenzene-d5	8.993	82	2187129	78.84 ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	898290	86.89 ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4829809	79.01 ng	0.00
79) Terphenyl-d14	19.804	244	6376918	90.33 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.358	88	422566	41.98 ng	91
3) Pyridine	3.740	79	958816	35.12 ng	93
4) n-Nitrosodimethylamine	3.658	42	302110	34.27 ng	# 86
6) Aniline	7.163	93	1364218	39.59 ng	93
8) 2-Chlorophenol	7.399	128	944254	41.66 ng	89
9) Benzaldehyde	6.975	77	699647	37.54 ng	86
10) Phenol	7.028	94	1170430	39.62 ng	94
11) bis(2-Chloroethyl)ether	7.258	93	964337	39.25 ng	91
12) 1,3-Dichlorobenzene	7.722	146	1162486	39.80 ng	# 96
13) 1,4-Dichlorobenzene	7.869	146	1180319	40.14 ng	98
14) 1,2-Dichlorobenzene	8.181	146	1105396	39.68 ng	98
15) Benzyl Alcohol	8.069	79	801085	43.11 ng	93
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1102342	35.19 ng	92
17) 2-Methylphenol	8.275	107	805887	42.77 ng	97
18) Hexachloroethane	8.910	117	431219	40.51 ng	99
19) n-Nitroso-di-n-propyla...	8.640	70	691695	39.12 ng	# 90
20) 3+4-Methylphenols	8.605	107	1094187	43.71 ng	98
22) Acetophenone	8.652	105	1409058	39.59 ng	# 94
24) Nitrobenzene	9.034	77	1077700	39.43 ng	# 86
25) Isophorone	9.557	82	1897238	41.61 ng	92
26) 2-Nitrophenol	9.740	139	528715	47.57 ng	# 87
27) 2,4-Dimethylphenol	9.804	122	730678	42.47 ng	96
28) bis(2-Chloroethoxy)met...	10.040	93	1267931	39.07 ng	98
29) 2,4-Dichlorophenol	10.275	162	928960	45.94 ng	97
30) 1,2,4-Trichlorobenzene	10.493	180	1119175	41.39 ng	98
31) Naphthalene	10.675	128	2985963	39.84 ng	100
32) Benzoic acid	9.957	122	551818	48.04 ng	84
33) 4-Chloroaniline	10.787	127	1237370	40.89 ng	# 95
34) Hexachlorobutadiene	10.963	225	732554	43.23 ng	99
35) Caprolactam	11.569	113	282616	42.55 ng	# 60
36) 4-Chloro-3-methylphenol	11.916	107	887982	43.77 ng	93
37) 2-Methylnaphthalene	12.293	142	2086300	39.84 ng	98
38) 1-Methylnaphthalene	12.510	142	1969702	39.64 ng	99
40) 1,2,4,5-Tetrachloroben...	12.663	216	1177482	42.02 ng	99
41) Hexachlorocyclopentadiene	12.640	237	600004	42.70 ng	99
43) 2,4,6-Trichlorophenol	12.904	196	756307	44.50 ng	99

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Quant Time: Dec 23 12:42:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	789897	43.75 ng		98
46) 1,1'-Biphenyl	13.310	154	2622538	40.06 ng		98
47) 2-Chloronaphthalene	13.351	162	2156604	40.15 ng		98
48) 2-Nitroaniline	13.551	65	581691	39.28 ng	#	72
49) Acenaphthylene	14.198	152	3195337	40.43 ng		99
50) Dimethylphthalate	13.940	163	2563506	40.21 ng		99
51) 2,6-Dinitrotoluene	14.057	165	571325	42.64 ng	#	87
52) Acenaphthene	14.545	154	1916632	38.87 ng		99
53) 3-Nitroaniline	14.387	138	618900	42.16 ng		85
54) 2,4-Dinitrophenol	14.598	184	282975	47.60 ng	#	89
55) Dibenzofuran	14.881	168	3047431	39.06 ng		99
56) 4-Nitrophenol	14.698	139	449445	40.90 ng	#	83
57) 2,4-Dinitrotoluene	14.851	165	771453	41.04 ng	#	85
58) Fluorene	15.534	166	2358937	38.51 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	689336	44.43 ng		94
60) Diethylphthalate	15.310	149	2472503	40.43 ng		98
61) 4-Chlorophenyl-phenyle...	15.528	204	1335530	40.06 ng		94
62) 4-Nitroaniline	15.557	138	630543	41.16 ng		91
63) Azobenzene	15.822	77	2210964	37.96 ng		91
65) 4,6-Dinitro-2-methylph...	15.622	198	394118	50.04 ng		95
66) n-Nitrosodiphenylamine	15.745	169	2060433	41.07 ng		100
67) 4-Bromophenyl-phenylether	16.428	248	869534	43.83 ng		96
68) Hexachlorobenzene	16.545	284	973868	41.14 ng		98
69) Atrazine	16.698	200	605622	37.31 ng		99
70) Pentachlorophenol	16.892	266	473485	42.20 ng		100
71) Phenanthrene	17.281	178	3730524	38.97 ng		99
72) Anthracene	17.375	178	3629021	40.14 ng		100
73) Carbazole	17.645	167	3295877	39.36 ng		100
74) Di-n-butylphthalate	18.198	149	3958589	43.58 ng		98
75) Fluoranthene	19.251	202	4240523	38.57 ng		98
77) Benzidine	19.433	184	1421857	60.73 ng		97
78) Pyrene	19.610	202	4268085	46.29 ng		100
80) Butylbenzylphthalate	20.480	149	1675900	48.36 ng		89
81) Benzo(a)anthracene	21.316	228	3888630	41.85 ng		99
82) 3,3'-Dichlorobenzidine	21.251	252	1289996	42.25 ng		98
83) Chrysene	21.369	228	3644497	40.72 ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	2310137	43.27 ng		99
85) Di-n-octyl phthalate	22.151	149	3768167	43.43 ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.127	276	4111452	41.35 ng		99
88) Benzo(b)fluoranthene	22.974	252	3610486	42.13 ng		100
89) Benzo(k)fluoranthene	23.021	252	3549215	41.71 ng		100
90) Benzo(a)pyrene	23.592	252	3334955	42.69 ng		99
91) Dibenzo(a,h)anthracene	26.139	278	3353821	41.03 ng		99
92) Benzo(g,h,i)perylene	26.868	276	3359010	42.09 ng		98

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

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