

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
 Data File : BP003693.D
 Acq On : 21 Oct 2020 15:32
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 10/22/2020 1:01:06 PM

Quant Time: Oct 21 16:02:16 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	155622	20.00	ng	0.00
21) Naphthalene-d8	11.375	136	546788	20.00	ng	# 0.00
39) Acenaphthene-d10	15.128	164	365848	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	821210	20.00	ng	0.00
76) Chrysene-d12	21.857	240	858775	20.00	ng	# 0.00
86) Perylene-d12	24.433	264	812579	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	721328	77.51	ng	0.00
7) Phenol-d6	7.675	99	1031423	78.44	ng	0.00
23) Nitrobenzene-d5	9.698	82	998408	77.24	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	455897	79.87	ng	0.00
45) 2-Fluorobiphenyl	13.757	172	2144320	75.77	ng	0.00
79) Terphenyl-d14	20.310	244	3734291	76.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	149362	37.56	ng	# 87
3) Pyridine	4.128	79	437304	38.88	ng	91
4) n-Nitrosodimethylamine	4.028	42	177146	36.93	ng	# 68
6) Aniline	7.828	93	574323	39.35	ng	# 87
8) 2-Chlorophenol	8.093	128	359019	38.75	ng	82
9) Benzaldehyde	7.622	77	251563	39.73	ng	# 78
10) Phenol	7.699	94	489241	39.07	ng	78
11) bis(2-Chloroethyl)ether	7.910	93	385037	38.75	ng	92
12) 1,3-Dichlorobenzene	8.422	146	452731	37.89	ng	# 92
13) 1,4-Dichlorobenzene	8.563	146	459401	38.07	ng	# 94
14) 1,2-Dichlorobenzene	8.899	146	432361	37.81	ng	# 94
15) Benzyl Alcohol	8.757	79	394996	39.30	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	9.051	45	383961	38.99	ng	98
17) 2-Methylphenol	8.975	107	325958	39.30	ng	# 89
18) Hexachloroethane	9.651	117	174369	37.50	ng	95
19) n-Nitroso-di-n-propyla...	9.328	70	312821	38.94	ng	# 86
20) 3+4-Methylphenols	9.304	107	440383	39.44	ng	92
22) Acetophenone	9.346	105	610462	38.15	ng	# 88
24) Nitrobenzene	9.740	77	476139	38.26	ng	# 78
25) Isophorone	10.263	82	816725	39.21	ng	# 88
26) 2-Nitrophenol	10.463	139	186440	40.11	ng	# 62
27) 2,4-Dimethylphenol	10.522	122	285862	39.16	ng	# 85
28) bis(2-Chloroethoxy)met...	10.734	93	518059	38.99	ng	# 96
29) 2,4-Dichlorophenol	11.016	162	375024	39.17	ng	94
30) 1,2,4-Trichlorobenzene	11.240	180	466072	37.98	ng	99
31) Naphthalene	11.428	128	1121575	38.05	ng	99
32) Benzoic acid	10.669	122	183223	37.07	ng	# 69
33) 4-Chloroaniline	11.504	127	476545	39.23	ng	# 86
34) Hexachlorobutadiene	11.734	225	347894	37.57	ng	98
35) Caprolactam	12.234	113	112515	40.13	ng	# 52
36) 4-Chloro-3-methylphenol	12.604	107	409527	39.42	ng	# 82
37) 2-Methylnaphthalene	12.992	142	822803	38.47	ng	# 95
38) 1-Methylnaphthalene	13.204	142	781567m	38.66	ng	
40) 1,2,4,5-Tetrachloroben...	13.363	216	547441	37.78	ng	99
41) Hexachlorocyclopentadiene	13.357	237	324176	38.65	ng	100
43) 2,4,6-Trichlorophenol	13.581	196	335116	38.87	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.657	196	344032	38.41	ng	#	95
46) 1,1'-Biphenyl	13.963	154	1080582	37.88	ng		98
47) 2-Chloronaphthalene	14.016	162	898592	37.66	ng		99
48) 2-Nitroaniline	14.192	65	280299	39.79	ng	#	61
49) Acenaphthylene	14.851	152	1299154	38.14	ng		100
50) Dimethylphthalate	14.551	163	1151504	38.30	ng		99
51) 2,6-Dinitrotoluene	14.663	165	243533	39.83	ng	#	67
52) Acenaphthene	15.192	154	886309	38.56	ng		90
53) 3-Nitroaniline	14.998	138	239222	39.86	ng	#	64
54) 2,4-Dinitrophenol	15.192	184	114761	35.95	ng	#	1
55) Dibenzofuran	15.516	168	1319373	37.96	ng		97
56) 4-Nitrophenol	15.298	139	181507	40.41	ng	#	46
57) 2,4-Dinitrotoluene	15.445	165	332875	40.24	ng	#	63
58) Fluorene	16.163	166	1066888	38.05	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.745	232	338607	39.42	ng		91
60) Diethylphthalate	15.898	149	1123436	38.15	ng		98
61) 4-Chlorophenyl-phenyle...	16.133	204	655714	38.67	ng		96
62) 4-Nitroaniline	16.151	138	263913	39.64	ng	#	60
63) Azobenzene	16.428	77	1056494	38.16	ng		86
65) 4,6-Dinitro-2-methylph...	16.216	198	170629	39.41	ng		89
66) n-Nitrosodiphenylamine	16.345	169	931871	38.12	ng		98
67) 4-Bromophenyl-phenylether	17.022	248	424280	38.59	ng		97
68) Hexachlorobenzene	17.186	284	487931	38.56	ng		96
69) Atrazine	17.263	200	365027	38.29	ng		97
70) Pentachlorophenol	17.510	266	244542	39.13	ng		99
71) Phenanthrene	17.886	178	1743863	38.21	ng		100
72) Anthracene	17.975	178	1689984	38.34	ng		99
73) Carbazole	18.222	167	1510055	38.51	ng		99
74) Di-n-butylphthalate	18.722	149	1884479	39.37	ng	#	97
75) Fluoranthene	19.798	202	2179755	38.88	ng		98
77) Benzidine	19.939	184	847245	41.18	ng		99
78) Pyrene	20.145	202	2195910	38.18	ng		99
80) Butylbenzylphthalate	20.945	149	826607	39.23	ng	#	77
81) Benzo(a)anthracene	21.839	228	2223509	38.83	ng		99
82) 3,3'-Dichlorobenzidine	21.745	252	805201	40.16	ng	#	98
83) Chrysene	21.898	228	2092939	38.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	1191346	39.50	ng		98
85) Di-n-octyl phthalate	22.663	149	1962538	40.09	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.121	276	2257677	38.71	ng	#	91
88) Benzo(b)fluoranthene	23.645	252	2199900	38.80	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	2096417	38.74	ng	#	97
90) Benzo(a)pyrene	24.321	252	1961971	38.81	ng	#	96
91) Dibenzo(a,h)anthracene	27.121	278	1888931	38.75	ng	#	94
92) Benzo(g,h,i)perylene	27.956	276	1747119	38.66	ng	#	91

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

