

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005387.D
 Acq On : 23 Apr 2021 10:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

Quant Time: Apr 23 11:49:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

4/26/2021 11:37:02 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	27809	20.00	ng	#-0.01
21) Naphthalene-d8	10.428	136	96381	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	65581	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	152585	20.00	ng	# 0.00
76) Chrysene-d12	21.180	240	201176	20.00	ng	0.00
86) Perylene-d12	23.439	264	203369	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	146212	91.33	ng	-0.01
7) Phenol-d6	6.828	99	213145	96.63	ng	0.00
23) Nitrobenzene-d5	8.799	82	260430	117.52	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	92926	74.08	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	443800	87.60	ng	0.00
79) Terphenyl-d14	19.657	244	944997	87.05	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	39509	46.31	ng	# 86
3) Pyridine	3.569	79	94098	50.82	ng	# 83
4) n-Nitrosodimethylamine	3.481	42	60385	63.27	ng	# 13
6) Aniline	6.975	93	119050	49.74	ng	# 75
8) 2-Chlorophenol	7.205	128	71659	43.71	ng	# 70
9) Benzaldehyde	6.787	77	65951	51.13	ng	# 67
10) Phenol	6.852	94	106781	48.53	ng	# 52
11) bis(2-Chloroethyl)ether	7.075	93	75270	47.45	ng	87
12) 1,3-Dichlorobenzene	7.522	146	81029	40.89	ng	# 79
13) 1,4-Dichlorobenzene	7.669	146	82119	40.63	ng	# 92
14) 1,2-Dichlorobenzene	7.987	146	78260	40.49	ng	# 92
15) Benzyl Alcohol	7.887	79	105445	59.94	ng	# 71
16) 2,2'-oxybis(1-Chloropr...	8.175	45	69572	52.26	ng	99
17) 2-Methylphenol	8.093	107	64576	46.67	ng	# 74
18) Hexachloroethane	8.704	117	37224	48.17	ng	93
19) n-Nitroso-di-n-propyla...	8.452	70	88312	61.65	ng	# 90
20) 3+4-Methylphenols	8.422	107	90186	48.55	ng	88
22) Acetophenone	8.463	105	133008	48.09	ng	# 83
24) Nitrobenzene	8.846	77	134181	56.01	ng	# 86
25) Isophorone	9.369	82	216730	50.89	ng	# 92
26) 2-Nitrophenol	9.551	139	39875	51.71	ng	# 60
27) 2,4-Dimethylphenol	9.622	122	59785	45.97	ng	# 72
28) bis(2-Chloroethoxy)met...	9.851	93	89143	48.14	ng	96
29) 2,4-Dichlorophenol	10.087	162	73091	42.47	ng	92
30) 1,2,4-Trichlorobenzene	10.293	180	86808	38.39	ng	99
31) Naphthalene	10.475	128	211644	41.61	ng	97
32) Benzoic acid	9.799	122	44746	46.87	ng	# 56
33) 4-Chloroaniline	10.598	127	83456	43.25	ng	# 84
34) Hexachlorobutadiene	10.751	225	79489	39.63	ng	98
35) Caprolactam	11.410	113	22728	47.35	ng	# 45
36) 4-Chloro-3-methylphenol	11.745	107	88980	47.94	ng	# 82
37) 2-Methylnaphthalene	12.104	142	155427	41.74	ng	94
38) 1-Methylnaphthalene	12.322	142	146470	41.17	ng	95
40) 1,2,4,5-Tetrachloroben...	12.475	216	118185	41.40	ng	# 98
41) Hexachlorocyclopentadiene	12.445	237	45963	42.50	ng	97
43) 2,4,6-Trichlorophenol	12.728	196	71640	46.32	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.810	196	75606	44.78	ng	#	90
46) 1,1'-Biphenyl	13.128	154	204360	43.78	ng		97
47) 2-Chloronaphthalene	13.169	162	167343	43.54	ng		95
48) 2-Nitroaniline	13.392	65	77248	59.07	ng	#	81
49) Acenaphthylene	14.022	152	246381	44.30	ng		99
50) Dimethylphthalate	13.775	163	216159	45.41	ng		99
51) 2,6-Dinitrotoluene	13.898	165	47345	45.60	ng	#	79
52) Acenaphthene	14.369	154	149926	42.72	ng		96
53) 3-Nitroaniline	14.228	138	40500	43.02	ng	#	75
54) 2,4-Dinitrophenol	14.451	184	29230	44.21	ng	#	68
55) Dibenzofuran	14.710	168	262708	41.80	ng		95
56) 4-Nitrophenol	14.563	139	30039	41.21	ng	#	49
57) 2,4-Dinitrotoluene	14.692	165	68003	42.32	ng	#	82
58) Fluorene	15.363	166	218403	43.31	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.945	232	74211m	42.23	ng		
60) Diethylphthalate	15.145	149	215177	47.90	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	137304	42.43	ng		96
62) 4-Nitroaniline	15.404	138	38425	41.62	ng	#	70
63) Azobenzene	15.657	77	313305	59.84	ng		89
65) 4,6-Dinitro-2-methylph...	15.469	198	47534	47.39	ng	#	74
66) n-Nitrosodiphenylamine	15.581	169	185156	44.41	ng	#	91
67) 4-Bromophenyl-phenylether	16.257	248	87796	42.11	ng	#	92
68) Hexachlorobenzene	16.375	284	92408	37.80	ng	#	87
69) Atrazine	16.545	200	82647	47.49	ng		97
70) Pentachlorophenol	16.728	266	52831	40.19	ng		94
71) Phenanthrene	17.116	178	335153	41.21	ng		99
72) Anthracene	17.204	178	333365	42.09	ng		99
73) Carbazole	17.486	167	305012	42.79	ng		99
74) Di-n-butylphthalate	18.045	149	359147	47.05	ng		96
75) Fluoranthene	19.098	202	466353	41.77	ng		99
77) Benzidine	19.286	184	177884	55.96	ng		99
78) Pyrene	19.451	202	479085	42.47	ng		100
80) Butylbenzylphthalate	20.333	149	167093	65.21	ng	#	74
81) Benzo(a)anthracene	21.163	228	546175	42.19	ng		99
82) 3,3'-Dichlorobenzidine	21.104	252	188429	46.83	ng		100
83) Chrysene	21.216	228	521830	40.47	ng		98
84) Bis(2-ethylhexyl)phtha...	21.092	149	263009	57.58	ng		96
85) Di-n-octyl phthalate	21.968	149	438200	57.32	ng	#	85
87) Indeno(1,2,3-cd)pyrene	25.762	276	636707	40.98	ng		99
88) Benzo(b)fluoranthene	22.757	252	564172	42.13	ng		99
89) Benzo(k)fluoranthene	22.798	252	519967	39.55	ng		99
90) Benzo(a)pyrene	23.339	252	502415	41.15	ng		100
91) Dibenzo(a,h)anthracene	25.768	278	552505	41.06	ng		100
92) Benzo(g,h,i)perylene	26.468	276	509119	40.39	ng		97

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

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[illegible]