

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005647.D
 Acq On : 28 May 2021 19:45
 Operator : CG/JU
 Sample : M2551-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JCSY-SP1MS

Manual Integrations
 APPROVED

mohammad

6/1/2021 1:18:53 PM

Quant Time: May 28 22:54:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	182487	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	716941	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	424460	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	860793	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	963712	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1149378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	1561477	133.03	ng	0.00
7) Phenol-d6	7.146	99	1790352	111.89	ng	0.00
23) Nitrobenzene-d5	9.152	82	1285491	99.72	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	802274	147.40	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2725121	84.97	ng	0.00
79) Terphenyl-d14	19.892	244	4191142	81.61	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	207921	38.70	ng	# 73
3) Pyridine	3.840	79	417099	31.36	ng	# 91
4) n-Nitrosodimethylamine	3.734	42	276090	46.62	ng	# 26
6) Aniline	7.311	93	163763	8.75	ng	95
8) 2-Chlorophenol	7.552	128	598087	45.51	ng	93
9) Benzaldehyde	7.122	77	385250	55.61	ng	89
10) Phenol	7.175	94	690074	42.24	ng	99
11) bis(2-Chloroethyl)ether	7.411	93	557873	44.23	ng	98
12) 1,3-Dichlorobenzene	7.875	146	625913	41.96	ng	97
13) 1,4-Dichlorobenzene	8.022	146	638251	42.21	ng	97
14) 1,2-Dichlorobenzene	8.340	146	616002	42.60	ng	99
15) Benzyl Alcohol	8.228	79	527932	46.00	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.522	45	629594	43.60	ng	81
17) 2-Methylphenol	8.428	107	479496	45.09	ng	96
18) Hexachloroethane	9.075	117	228581	42.60	ng	89
19) n-Nitroso-di-n-propyla...	8.799	70	435547	42.79	ng	95
20) 3+4-Methylphenols	8.758	107	624994	44.11	ng	95
22) Acetophenone	8.810	105	869485	45.47	ng	# 97
24) Nitrobenzene	9.193	77	659746	46.07	ng	94
25) Isophorone	9.722	82	1118069	39.06	ng	# 97
26) 2-Nitrophenol	9.905	139	273340	49.76	ng	# 81
27) 2,4-Dimethylphenol	9.963	122	529408	48.19	ng	99
28) bis(2-Chloroethoxy)met...	10.205	93	696843	45.24	ng	98
29) 2,4-Dichlorophenol	10.440	162	536771	45.43	ng	98
30) 1,2,4-Trichlorobenzene	10.657	180	584605	41.77	ng	98
31) Naphthalene	10.846	128	1768943	41.43	ng	98
32) Benzoic acid	10.087	122	289732	47.87	ng	95
33) 4-Chloroaniline	10.952	127	64001	3.60	ng	# 92
34) Hexachlorobutadiene	11.134	225	354458	40.55	ng	99
35) Caprolactam	11.734	113	135843m	41.98	ng	
36) 4-Chloro-3-methylphenol	12.069	107	546399	43.93	ng	94
37) 2-Methylnaphthalene	12.446	142	1249747	41.31	ng	# 87
38) 1-Methylnaphthalene	12.663	142	1148299	40.01	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.810	216	654212	46.20	ng	96
41) Hexachlorocyclopentadiene	12.793	237	666103	84.50	ng	98
43) 2,4,6-Trichlorophenol	13.046	196	413329	48.13	ng	95

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44) 2,4,5-Trichlorophenol	13.116	196	458506	49.37	ng	#	94
46) 1,1'-Biphenyl	13.446	154	1550755	44.99	ng		98
47) 2-Chloronaphthalene	13.487	162	1196066	42.69	ng		99
48) 2-Nitroaniline	13.687	65	328928	49.32	ng	#	83
49) Acenaphthylene	14.334	152	1889150	43.26	ng		99
50) Dimethylphthalate	14.069	163	1564157	46.33	ng		99
51) 2,6-Dinitrotoluene	14.181	165	302366	41.33	ng	#	67
52) Acenaphthene	14.669	154	1269414m	44.72	ng		
53) 3-Nitroaniline	14.504	138	59572	11.11	ng		84
54) 2,4-Dinitrophenol	14.710	184	237587	77.13	ng		93
55) Dibenzofuran	15.004	168	1793590	41.22	ng		97
56) 4-Nitrophenol	14.810	139	535295	84.77	ng	#	57
57) 2,4-Dinitrotoluene	14.963	165	417953	45.55	ng	#	69
58) Fluorene	15.651	166	1454500	41.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	385384m	47.96	ng		
60) Diethylphthalate	15.428	149	1398444	41.28	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	730636	42.01	ng		98
62) 4-Nitroaniline	15.663	138	294168	38.80	ng	#	47
63) Azobenzene	15.940	77	1447132	40.80	ng		95
65) 4,6-Dinitro-2-methylph...	15.722	198	161403	39.97	ng		82
66) n-Nitrosodiphenylamine	15.857	169	1247436	42.53	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	454184	43.80	ng		95
68) Hexachlorobenzene	16.657	284	535155	43.34	ng	#	94
69) Atrazine	16.810	200	445242	53.12	ng		96
70) Pentachlorophenol	16.998	266	673756	108.80	ng		96
71) Phenanthrene	17.392	178	2268891	42.31	ng		99
72) Anthracene	17.486	178	2314065	43.70	ng		100
73) Carbazole	17.751	167	2140351	41.07	ng		99
74) Di-n-butylphthalate	18.298	149	2382824	42.70	ng	#	92
75) Fluoranthene	19.345	202	2687124	41.74	ng		95
77) Benzidine	19.522	184	1091330	59.63	ng		99
78) Pyrene	19.698	202	2821635	41.49	ng		99
80) Butylbenzylphthalate	20.569	149	1076046	39.89	ng	#	94
81) Benzo(a)anthracene	21.404	228	2923804	41.34	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	613410	26.85	ng	#	95
83) Chrysene	21.457	228	2845237	41.54	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1566670	40.78	ng	#	96
85) Di-n-octyl phthalate	22.263	149	2708448	41.95	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.427	276	4500599	46.02	ng	#	90
88) Benzo(b)fluoranthene	23.116	252	3449035	41.36	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	3300602	41.77	ng	#	96
90) Benzo(a)pyrene	23.757	252	3338805	44.01	ng	#	96
91) Dibenzo(a,h)anthracene	26.451	278	3823925	45.06	ng	#	94
92) Benzo(g,h,i)perylene	27.221	276	3780029	46.18	ng	#	92

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

