

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090821\
 Data File : BM032102.D
 Acq On : 08 Sep 2021 18:50
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM090821

Manual Integrations
 APPROVED

mohammad
 9/9/2021 11:51:51 AM

Quant Time: Sep 08 19:29:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 19:23:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	86365	20.000	ng	0.00
21) Naphthalene-d8	10.116	136	362411	20.000	ng	# 0.00
39) Acenaphthene-d10	14.021	164	262852	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	530125	20.000	ng	0.00
76) Chrysene-d12	21.009	240	412367	20.000	ng	0.00
86) Perylene-d12	23.103	264	352637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	373652	77.200	ng	0.00
7) Phenol-d6	6.569	99	584693	79.407	ng	0.00
23) Nitrobenzene-d5	8.516	82	638506	78.518	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	178197	85.305	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	1440609	71.861	ng	0.00
79) Terphenyl-d14	19.451	244	2042264	80.806	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	78585	35.874	ng	# 85
3) Pyridine	3.399	79	224927m	39.381	ng	
4) n-Nitrosodimethylamine	3.322	42	117002	39.244	ng	# 63
6) Aniline	6.716	93	321510	39.469	ng	97
8) 2-Chlorophenol	6.934	128	212942	39.390	ng	96
9) Benzaldehyde	6.534	77	173453	43.325	ng	95
10) Phenol	6.593	94	292948	39.229	ng	97
11) bis(2-Chloroethyl)ether	6.822	93	222552	39.486	ng	98
12) 1,3-Dichlorobenzene	7.251	146	249475	37.313	ng	97
13) 1,4-Dichlorobenzene	7.398	146	253962	37.515	ng	97
14) 1,2-Dichlorobenzene	7.704	146	251063	37.914	ng	98
15) Benzyl Alcohol	7.622	79	242692	41.892	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.904	45	316442	38.999	ng	98
17) 2-Methylphenol	7.816	107	198639	39.728	ng	98
18) Hexachloroethane	8.404	117	97734	38.357	ng	90
19) n-Nitroso-di-n-propyla...	8.181	70	220076	40.857	ng	91
20) 3+4-Methylphenols	8.151	107	268395	40.516	ng	99
22) Acetophenone	8.187	105	389381	37.287	ng	# 95
24) Nitrobenzene	8.557	77	328314	37.884	ng	99
25) Isophorone	9.081	82	590514	39.099	ng	100
26) 2-Nitrophenol	9.257	139	78975m	47.481	ng	
27) 2,4-Dimethylphenol	9.328	122	196449	39.022	ng	95
28) bis(2-Chloroethoxy)met...	9.569	93	288846	38.191	ng	98
29) 2,4-Dichlorophenol	9.781	162	222886	40.781	ng	97
30) 1,2,4-Trichlorobenzene	9.986	180	269891	36.337	ng	96
31) Naphthalene	10.169	128	746415	36.822	ng	100
32) Benzoic acid	9.522	122	82004	47.063	ng	93
33) 4-Chloroaniline	10.298	127	309043	39.640	ng	99
34) Hexachlorobutadiene	10.439	225	180786	36.265	ng	97
35) Caprolactam	11.116	113	68620	45.709	ng	92
36) 4-Chloro-3-methylphenol	11.439	107	262894	41.005	ng	97
37) 2-Methylnaphthalene	11.792	142	553538	37.691	ng	98
38) 1-Methylnaphthalene	12.016	142	530743	38.222	ng	99
40) 1,2,4,5-Tetrachloroben...	12.175	216	312571	35.541	ng	# 97
41) Hexachlorocyclopentadiene	12.139	237	107202	37.463	ng	99
43) 2,4,6-Trichlorophenol	12.433	196	142924	40.028	ng	95

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44) 2,4,5-Trichlorophenol	12.504	196	185706	42.719	ng	93
46) 1,1'-Biphenyl	12.839	154	723708	36.094	ng	99
47) 2-Chloronaphthalene	12.880	162	593313	36.486	ng	97
48) 2-Nitroaniline	13.110	65	181776	39.974	ng	99
49) Acenaphthylene	13.739	152	912490	37.425	ng	100
50) Dimethylphthalate	13.504	163	725334	38.003	ng	99
51) 2,6-Dinitrotoluene	13.627	165	162372	41.882	ng	# 82
52) Acenaphthene	14.086	154	560714	37.006	ng	96
53) 3-Nitroaniline	13.963	138	146534	43.170	ng	98
54) 2,4-Dinitrophenol	14.180	184	45572	39.329	ng	# 73
55) Dibenzofuran	14.427	168	935144	37.020	ng	95
56) 4-Nitrophenol	14.286	139	81077	42.737	ng	95
57) 2,4-Dinitrotoluene	14.427	165	216326	40.517	ng	96
58) Fluorene	15.086	166	749516	37.765	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.663	232	129768	40.841	ng	# 80
60) Diethylphthalate	14.886	149	725873	39.168	ng	95
61) 4-Chlorophenyl-phenyle...	15.092	204	400788	37.597	ng	89
62) 4-Nitroaniline	15.139	138	138125	41.204	ng	95
63) Azobenzene	15.386	77	847807	39.126	ng	92
65) 4,6-Dinitro-2-methylph...	15.198	198	71875	40.562	ng	83
66) n-Nitrosodiphenylamine	15.315	169	647063	37.295	ng	95
67) 4-Bromophenyl-phenylether	15.986	248	232657	37.325	ng	93
68) Hexachlorobenzene	16.086	284	258066	36.614	ng	# 87
69) Atrazine	16.286	200	218252	41.007	ng	94
70) Pentachlorophenol	16.445	266	89620	38.779	ng	96
71) Phenanthrene	16.827	178	1117114	36.836	ng	99
72) Anthracene	16.921	178	1129775	38.109	ng	100
73) Carbazole	17.204	167	1018151	37.393	ng	98
74) Di-n-butylphthalate	17.780	149	1146082	40.496	ng	99
75) Fluoranthene	18.862	202	1244105	36.814	ng	98
77) Benzidine	19.074	184	323538	42.597	ng	99
78) Pyrene	19.227	202	1260060	40.109	ng	99
80) Butylbenzylphthalate	20.162	149	410636	40.534	ng	98
81) Benzo(a)anthracene	20.992	228	1034339	37.446	ng	99
82) 3,3'-Dichlorobenzidine	20.939	252	290611	38.214	ng	99
83) Chrysene	21.045	228	1081135	36.874	ng	98
84) Bis(2-ethylhexyl)phtha...	20.945	149	597031	39.107	ng	# 96
85) Di-n-octyl phthalate	21.797	149	906649	38.249	ng	96
87) Indeno(1,2,3-cd)pyrene	25.144	276	857477	35.856	ng	96
88) Benzo(b)fluoranthene	22.486	252	885098	37.517	ng	98
89) Benzo(k)fluoranthene	22.527	252	970373	38.042	ng	99
90) Benzo(a)pyrene	23.015	252	832812	38.436	ng	98
91) Dibenzo(a,h)anthracene	25.156	278	731245	35.464	ng	97
92) Benzo(g,h,i)perylene	25.762	276	719800	35.254	ng	97

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

