

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126303.D
 Acq On : 21 Dec 2021 18:41
 Operator : JU/CG
 Sample : M5018-69MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

Quant Time: Dec 22 05:21:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	202512	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	899485	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	423347	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	652751	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	368258	20.000	ng	# 0.01
86) Perylene-d12	15.421	264	306786	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1246388	90.636	ng	0.02
7) Phenol-d6	6.451	99	1660016	95.070	ng	0.00
23) Nitrobenzene-d5	7.381	82	1090898	65.684	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	326729	96.034	ng	0.01
45) 2-Fluorobiphenyl	9.180	172	1505598	62.375	ng	0.00
79) Terphenyl-d14	12.927	244	1299254	61.323	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	295875	44.077	ng	# 100
3) Pyridine	3.393	79	672498	37.725	ng	# 78
4) n-Nitrosodimethylamine	3.351	42	338784	49.449	ng	# 1
6) Aniline	6.481	93	865112	39.006	ng	96
8) 2-Chlorophenol	6.604	128	715613	51.316	ng	89
9) Benzaldehyde	6.369	77	514021	48.784	ng	95
10) Phenol	6.469	94	946336	48.282	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	747043	49.103	ng	99
12) 1,3-Dichlorobenzene	6.757	146	657981	46.774	ng	96
13) 1,4-Dichlorobenzene	6.834	146	655393	46.137	ng	95
14) 1,2-Dichlorobenzene	6.987	146	639804	48.712	ng	95
15) Benzyl Alcohol	6.963	79	618740	48.540	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1211961	48.679	ng	92
17) 2-Methylphenol	7.075	107	619578	50.717	ng	97
18) Hexachloroethane	7.334	117	269224	48.182	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	496728	46.340	ng	# 72
20) 3+4-Methylphenols	7.228	107	634623	43.942	ng	# 82
22) Acetophenone	7.234	105	919609	44.423	ng	96
24) Nitrobenzene	7.404	77	774997	46.744	ng	94
25) Isophorone	7.645	82	1471299	46.912	ng	# 88
26) 2-Nitrophenol	7.716	139	380428	50.900	ng	# 82
27) 2,4-Dimethylphenol	7.757	122	640981	50.500	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	951421	46.140	ng	# 96
29) 2,4-Dichlorophenol	7.963	162	534288	47.356	ng	94
30) 1,2,4-Trichlorobenzene	8.045	180	522900	44.806	ng	99
31) Naphthalene	8.128	128	1898619	45.136	ng	99
32) Benzoic acid	7.904	122	511149	46.745	ng	93
33) 4-Chloroaniline	8.169	127	406863	23.165	ng	97
34) Hexachlorobutadiene	8.245	225	253323	44.197	ng	99
35) Caprolactam	8.557	113	209601m	74.752	ng	
36) 4-Chloro-3-methylphenol	8.657	107	638354	47.965	ng	88
37) 2-Methylnaphthalene	8.816	142	1228248	47.413	ng	98
38) 1-Methylnaphthalene	8.916	142	1133826	45.101	ng	96
40) 1,2,4,5-Tetrachloroben...	8.986	216	399735	43.749	ng	# 95
41) Hexachlorocyclopentadiene	8.975	237	482986	92.309	ng	94
43) 2,4,6-Trichlorophenol	9.092	196	311366	43.320	ng	94

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44) 2,4,5-Trichlorophenol	9.133	196	341263	45.849	ng	# 92
46) 1,1'-Biphenyl	9.280	154	1405748	44.908	ng	97
47) 2-Chloronaphthalene	9.304	162	1023846	43.472	ng	95
48) 2-Nitroaniline	9.398	65	413219	48.069	ng	87
49) Acenaphthylene	9.722	152	1598066	44.406	ng	97
50) Dimethylphthalate	9.586	163	1215063	45.309	ng	98
51) 2,6-Dinitrotoluene	9.645	165	274593	47.308	ng	# 84
52) Acenaphthene	9.892	154	1157474m	49.596	ng	
53) 3-Nitroaniline	9.810	138	241177	32.691	ng	# 74
54) 2,4-Dinitrophenol	9.922	184	297977	124.678	ng	# 83
55) Dibenzofuran	10.069	168	1356518	42.692	ng	98
56) 4-Nitrophenol	9.980	139	506362	95.020	ng	# 78
57) 2,4-Dinitrotoluene	10.051	165	360718	48.718	ng	# 95
58) Fluorene	10.410	166	956936	41.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	247789	44.899	ng	# 99
60) Diethylphthalate	10.286	149	1158742	42.997	ng	98
61) 4-Chlorophenyl-phenyle...	10.398	204	430211	41.537	ng	97
62) 4-Nitroaniline	10.433	138	320212	51.741	ng	# 76
63) Azobenzene	10.563	77	1400175	42.895	ng	85
65) 4,6-Dinitro-2-methylph...	10.457	198	183569	51.500	ng	93
66) n-Nitrosodiphenylamine	10.522	169	908657	43.375	ng	97
67) 4-Bromophenyl-phenylether	10.892	248	277937	45.368	ng	98
68) Hexachlorobenzene	10.957	284	324677	46.081	ng	# 87
69) Atrazine	11.051	200	274453	71.489	ng	96
70) Pentachlorophenol	11.151	266	328346	84.001	ng	92
71) Phenanthrene	11.369	178	1462231	43.402	ng	96
72) Anthracene	11.422	178	1479332	43.747	ng	97
73) Carbazole	11.574	167	1373989	43.145	ng	99
74) Di-n-butylphthalate	11.910	149	1728434	42.814	ng	100
75) Fluoranthene	12.557	202	1385417	45.641	ng	93
77) Benzidine	12.674	184	549014	94.564	ng	98
78) Pyrene	12.786	202	1398481	41.335	ng	97
80) Butylbenzylphthalate	13.404	149	695735	43.699	ng	# 78
81) Benzo(a)anthracene	13.968	228	895643	41.059	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	315158	31.624	ng	# 98
83) Chrysene	14.010	228	986561	43.529	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	777879	43.723	ng	98
85) Di-n-octyl phthalate	14.574	149	1464305	46.171	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	928638	45.381	ng	94
88) Benzo(b)fluoranthene	15.010	252	948342	51.447	ng	96
89) Benzo(k)fluoranthene	15.039	252	885912	50.240	ng	# 95
90) Benzo(a)pyrene	15.368	252	882126	57.578	ng	# 95
91) Dibenzo(a,h)anthracene	16.880	278	772572	46.444	ng	# 95
92) Benzo(g,h,i)perylene	17.292	276	786653	45.707	ng	92

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

