

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129927.D
 Acq On : 20 Aug 2022 00:47
 Operator : CG\JU
 Sample : N4224-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816MSD

Quant Time: Aug 20 07:57:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	145885	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	590568	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	317293	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	529730	20.000	ng	0.00
76) Chrysene-d12	13.963	240	300538	20.000	ng	0.00
86) Perylene-d12	15.421	264	268950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1071702	121.631	ng	0.01
7) Phenol-d6	6.451	99	1388981	125.883	ng	0.00
23) Nitrobenzene-d5	7.363	82	864846	78.394	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	398728	125.209	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1615236	77.317	ng	0.00
79) Terphenyl-d14	12.898	244	1616354	89.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	161047	44.303	ng	98
3) Pyridine	3.328	79	403765	42.444	ng	99
4) n-Nitrosodimethylamine	3.287	42	234709	53.537	ng	94
6) Aniline	6.457	93	519796	41.333	ng	96
8) 2-Chlorophenol	6.587	128	508426	51.834	ng	100
9) Benzaldehyde	6.345	77	291837	51.287	ng	99
10) Phenol	6.463	94	613166	50.661	ng	83
11) bis(2-Chloroethyl)ether	6.528	93	471306	51.279	ng	98
12) 1,3-Dichlorobenzene	6.728	146	525766	49.651	ng	98
13) 1,4-Dichlorobenzene	6.804	146	538342	49.755	ng	99
14) 1,2-Dichlorobenzene	6.957	146	505428	50.296	ng	99
15) Benzyl Alcohol	6.945	79	440459	52.877	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	629878	51.145	ng	93
17) 2-Methylphenol	7.063	107	409371	51.978	ng	100
18) Hexachloroethane	7.292	117	208172	51.234	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	363545	52.126	ng	97
20) 3+4-Methylphenols	7.216	107	535637	50.665	ng	93
22) Acetophenone	7.204	105	723462	50.270	ng	98
24) Nitrobenzene	7.381	77	535347	48.124	ng	98
25) Isophorone	7.616	82	992242	52.257	ng	99
26) 2-Nitrophenol	7.692	139	276889	50.603	ng	98
27) 2,4-Dimethylphenol	7.739	122	430734	54.890	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	610204	55.040	ng	100
29) 2,4-Dichlorophenol	7.945	162	428308	49.915	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	426997	47.170	ng	98
31) Naphthalene	8.092	128	1453959	47.086	ng	100
32) Benzoic acid	7.904	122	207425	55.805	ng	97
33) 4-Chloroaniline	8.151	127	351664	28.961	ng	99
34) Hexachlorobutadiene	8.198	225	263222	47.755	ng	99
35) Caprolactam	8.545	113	137777m	51.634	ng	
36) 4-Chloro-3-methylphenol	8.657	107	476012	51.422	ng	95
37) 2-Methylnaphthalene	8.786	142	975848	48.151	ng	100
38) 1-Methylnaphthalene	8.881	142	926623	47.046	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	442437	50.135	ng	99
41) Hexachlorocyclopentadiene	8.928	237	303059	95.000	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	279138	48.683	ng	98

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44) 2,4,5-Trichlorophenol	9.122	196	297749	48.267	ng	99
46) 1,1'-Biphenyl	9.251	154	1207402	50.090	ng	99
47) 2-Chloronaphthalene	9.275	162	931983	48.866	ng	98
48) 2-Nitroaniline	9.386	65	300009	49.776	ng	96
49) Acenaphthylene	9.692	152	1376634	47.599	ng	100
50) Dimethylphthalate	9.557	163	1127744	49.581	ng	100
51) 2,6-Dinitrotoluene	9.628	165	244103	49.473	ng	97
52) Acenaphthene	9.863	154	845261	48.172	ng	100
53) 3-Nitroaniline	9.798	138	174433	31.968	ng	93
54) 2,4-Dinitrophenol	9.922	184	230819	101.864	ng	93
55) Dibenzofuran	10.033	168	1263343	47.924	ng	96
56) 4-Nitrophenol	9.992	139	241514	99.491	ng	97
57) 2,4-Dinitrotoluene	10.039	165	314814	49.151	ng	94
58) Fluorene	10.380	166	1042774	47.376	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	222548	49.159	ng	# 82
60) Diethylphthalate	10.251	149	1113027	49.076	ng	97
61) 4-Chlorophenyl-phenyle...	10.369	204	488475	49.453	ng	98
62) 4-Nitroaniline	10.428	138	254280m	46.193	ng	
63) Azobenzene	10.528	77	1054511	48.643	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	162774	52.342	ng	93
66) n-Nitrosodiphenylamine	10.492	169	900185	50.347	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	317037	51.098	ng	98
68) Hexachlorobenzene	10.927	284	339070	50.450	ng	97
69) Atrazine	11.022	200	299449	54.568	ng	98
70) Pentachlorophenol	11.133	266	197540	96.884	ng	96
71) Phenanthrene	11.345	178	1447908	48.940	ng	100
72) Anthracene	11.398	178	1437462	48.858	ng	100
73) Carbazole	11.557	167	1312944	49.160	ng	99
74) Di-n-butylphthalate	11.869	149	1724392	50.168	ng	100
75) Fluoranthene	12.533	202	1413944	46.704	ng	97
77) Benzidine	12.657	184	432745	62.017	ng	99
78) Pyrene	12.763	202	1397754	53.520	ng	99
80) Butylbenzylphthalate	13.368	149	631869	57.177	ng	94
81) Benzo(a)anthracene	13.957	228	1003776	48.552	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	229126	35.784	ng	98
83) Chrysene	13.992	228	918878	47.481	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	801721	61.149	ng	98
85) Di-n-octyl phthalate	14.533	149	1103409	60.965	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1066720	57.774	ng	100
88) Benzo(b)fluoranthene	14.998	252	865805	47.013	ng	100
89) Benzo(k)fluoranthene	15.027	252	845017	47.845	ng	99
90) Benzo(a)pyrene	15.362	252	762534	52.578	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	924688	60.696	ng	99
92) Benzo(g,h,i)perylene	17.333	276	938160	61.725	ng	99

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

