

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137649.D
 Acq On : 19 Mar 2024 15:43
 Operator : CG\JU
 Sample : P1616-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUEMSD

Quant Time: Mar 19 16:08:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	153367	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	609493	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	344335	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	591126	20.000	ng	0.00
76) Chrysene-d12	13.880	240	339164	20.000	ng	0.00
86) Perylene-d12	15.304	264	358824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	914062	90.266	ng	0.00
7) Phenol-d6	6.369	99	1264582	86.514	ng	0.00
23) Nitrobenzene-d5	7.292	82	756882	57.700	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	281807	93.195	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1281692	58.266	ng	0.00
79) Terphenyl-d14	12.827	244	1272948	51.610	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.422	88	197652	35.697	ng	98
3) Pyridine	3.128	79	443500	33.212	ng	97
4) n-Nitrosodimethylamine	3.093	42	187399	35.703	ng	94
6) Aniline	6.392	93	402627	22.543	ng	98
8) 2-Chlorophenol	6.510	128	441284	41.316	ng	97
9) Benzaldehyde	6.275	77	92608	12.932	ng	97
10) Phenol	6.381	94	612595	38.937	ng	99
11) bis(2-Chloroethyl)ether	6.463	93	433988	37.643	ng	99
12) 1,3-Dichlorobenzene	6.663	146	468450	41.045	ng	98
13) 1,4-Dichlorobenzene	6.745	146	469167	40.178	ng	97
14) 1,2-Dichlorobenzene	6.892	146	452408	42.209	ng	99
15) Benzyl Alcohol	6.875	79	382590	42.043	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	694481	35.044	ng	97
17) 2-Methylphenol	6.986	107	363659	36.387	ng	99
18) Hexachloroethane	7.233	117	161028	41.880	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	325079	36.015	ng	97
20) 3+4-Methylphenols	7.145	107	429173	37.495	ng	# 86
22) Acetophenone	7.139	105	584273	39.620	ng	96
24) Nitrobenzene	7.310	77	504196	38.263	ng	99
25) Isophorone	7.551	82	928928	37.275	ng	97
26) 2-Nitrophenol	7.628	139	222242	42.481	ng	96
27) 2,4-Dimethylphenol	7.669	122	313127	32.033	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	564113	38.580	ng	98
29) 2,4-Dichlorophenol	7.869	162	367991	41.018	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	387341	41.027	ng	99
31) Naphthalene	8.033	128	1260047	38.532	ng	99
32) Benzoic acid	7.804	122	186642	35.103	ng	96
33) 4-Chloroaniline	8.086	127	185546	14.470	ng	97
34) Hexachlorobutadiene	8.145	225	227414	40.800	ng	99
35) Caprolactam	8.451	113	128603m	42.274	ng	
36) 4-Chloro-3-methylphenol	8.575	107	400294	39.916	ng	97
37) 2-Methylnaphthalene	8.722	142	799588	38.355	ng	100
38) 1-Methylnaphthalene	8.822	142	736843	37.532	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	391111	40.686	ng	100
41) Hexachlorocyclopentadiene	8.869	237	218537	58.209	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	252998	40.415	ng	99

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44) 2,4,5-Trichlorophenol	9.045	196	275533	38.209	ng	97
46) 1,1'-Biphenyl	9.186	154	990936	39.319	ng	99
47) 2-Chloronaphthalene	9.210	162	771452	40.149	ng	99
48) 2-Nitroaniline	9.310	65	268246	41.073	ng	96
49) Acenaphthylene	9.622	152	1246448	40.535	ng	100
50) Dimethylphthalate	9.492	163	931353	38.855	ng	99
51) 2,6-Dinitrotoluene	9.551	165	207333	41.355	ng	96
52) Acenaphthene	9.792	154	695975	37.911	ng	98
53) 3-Nitroaniline	9.722	138	123706	23.328	ng	94
54) 2,4-Dinitrophenol	9.833	184	157238	65.915	ng	95
55) Dibenzofuran	9.969	168	1070731	38.294	ng	100
56) 4-Nitrophenol	9.892	139	293958	78.033	ng	99
57) 2,4-Dinitrotoluene	9.957	165	264445	42.933	ng	97
58) Fluorene	10.310	166	829309	38.620	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	226223	39.120	ng	95
60) Diethylphthalate	10.186	149	898484	39.694	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	403490	38.340	ng	95
62) 4-Nitroaniline	10.339	138	178909	39.253	ng	95
63) Azobenzene	10.463	77	963379	36.962	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	129517	39.312	ng	92
66) n-Nitrosodiphenylamine	10.421	169	739385	38.843	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	262296	40.739	ng	98
68) Hexachlorobenzene	10.851	284	284420	43.737	ng	96
69) Atrazine	10.951	200	253915	43.880	ng	96
70) Pentachlorophenol	11.051	266	290294	73.845	ng	99
71) Phenanthrene	11.268	178	1242151	38.612	ng	99
72) Anthracene	11.321	178	1270500	38.453	ng	100
73) Carbazole	11.480	167	1146612	40.514	ng	99
74) Di-n-butylphthalate	11.810	149	1411146	41.908	ng	100
75) Fluoranthene	12.457	202	1185020	37.685	ng	96
77) Benzidine	12.586	184	535087	64.467	ng	96
78) Pyrene	12.680	202	1191447	35.801	ng	99
80) Butylbenzylphthalate	13.304	149	466710	54.913	ng	99
81) Benzo(a)anthracene	13.868	228	912910	38.403	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	273635	43.225	ng	98
83) Chrysene	13.904	228	927045	38.585	ng	100
84) Bis(2-ethylhexyl)phtha...	13.862	149	600268	55.567	ng	98
85) Di-n-octyl phthalate	14.474	149	985556	47.415	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	876680	37.127	ng	97
88) Benzo(b)fluoranthene	14.898	252	873123	41.135	ng	98
89) Benzo(k)fluoranthene	14.921	252	843709	37.007	ng	99
90) Benzo(a)pyrene	15.245	252	811366	38.790	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	716591	37.410	ng	96
92) Benzo(g,h,i)perylene	17.109	276	668402	33.977	ng	97

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

