

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137487.D
 Acq On : 04 Mar 2024 18:19
 Operator : CG\JU
 Sample : P1662-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-352MSD

Quant Time: Mar 04 23:18:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	233013	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	920921	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	508426	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	836285	20.000	ng	0.00
76) Chrysene-d12	14.045	240	420632	20.000	ng	0.00
86) Perylene-d12	15.568	264	471388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1908306	124.036	ng	0.02
7) Phenol-d6	6.510	99	2464631	110.980	ng	0.00
23) Nitrobenzene-d5	7.422	82	1830087	92.335	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	644770	144.410	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2785246	85.753	ng	0.00
79) Terphenyl-d14	12.986	244	2861876	93.559	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	325718	38.719	ng	99
3) Pyridine	3.599	79	720511	35.513	ng	99
4) n-Nitrosodimethylamine	3.546	42	391911	47.711	ng	94
6) Aniline	6.528	93	912504	33.627	ng	# 81
8) 2-Chlorophenol	6.651	128	772880	47.628	ng	99
9) Benzaldehyde	6.416	77	309472	28.444	ng	99
10) Phenol	6.522	94	955960	39.993	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	845651	48.279	ng	99
12) 1,3-Dichlorobenzene	6.798	146	727637	41.963	ng	99
13) 1,4-Dichlorobenzene	6.875	146	741253	41.781	ng	98
14) 1,2-Dichlorobenzene	7.022	146	717191	44.042	ng	99
15) Benzyl Alcohol	7.004	79	743395	53.769	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1242356	41.262	ng	89
17) 2-Methylphenol	7.116	107	634764	41.804	ng	97
18) Hexachloroethane	7.363	117	250067	42.807	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	602550	43.938	ng	97
20) 3+4-Methylphenols	7.269	107	724202	41.644	ng	95
22) Acetophenone	7.269	105	1053448	47.278	ng	# 96
24) Nitrobenzene	7.439	77	915784	45.996	ng	99
25) Isophorone	7.675	82	1758159	46.692	ng	100
26) 2-Nitrophenol	7.751	139	401209	50.756	ng	99
27) 2,4-Dimethylphenol	7.792	122	574380	38.888	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	1050373	47.543	ng	100
29) 2,4-Dichlorophenol	7.992	162	666451	49.164	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	656487	46.020	ng	100
31) Naphthalene	8.157	128	2149346	43.500	ng	100
32) Benzoic acid	7.898	122	21985m	8.544	ng	
33) 4-Chloroaniline	8.210	127	499078	25.759	ng	99
34) Hexachlorobutadiene	8.269	225	363565	43.169	ng	99
35) Caprolactam	8.586	113	183594m	39.942	ng	
36) 4-Chloro-3-methylphenol	8.698	107	724168	47.792	ng	97
37) 2-Methylnaphthalene	8.845	142	1386865	44.029	ng	100
38) 1-Methylnaphthalene	8.945	142	1279653	43.139	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	665010	46.851	ng	99
41) Hexachlorocyclopentadiene	8.998	237	521330	88.971	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	456448	49.382	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	475190	44.628	ng	97
46) 1,1'-Biphenyl	9.316	154	1712191	46.011	ng	100
47) 2-Chloronaphthalene	9.339	162	1359623	47.922	ng	99
48) 2-Nitroaniline	9.439	65	502986	52.160	ng	95
49) Acenaphthylene	9.757	152	2141038	47.156	ng	99
50) Dimethylphthalate	9.622	163	1670190	47.191	ng	99
51) 2,6-Dinitrotoluene	9.686	165	366140	49.461	ng	93
52) Acenaphthene	9.928	154	1210970	44.675	ng	99
53) 3-Nitroaniline	9.857	138	307121	39.223	ng	93
54) 2,4-Dinitrophenol	9.963	184	35630	17.079	ng	87
55) Dibenzofuran	10.098	168	1856969	44.979	ng	99
56) 4-Nitrophenol	10.028	139	377506	68.458	ng	94
57) 2,4-Dinitrotoluene	10.092	165	451257	49.617	ng	95
58) Fluorene	10.445	166	1405846	44.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	368035	43.103	ng	92
60) Diethylphthalate	10.328	149	1553898	46.493	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	692323	44.554	ng	93
62) 4-Nitroaniline	10.475	138	312169	46.386	ng	97
63) Azobenzene	10.598	77	1812536	47.097	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	63360	13.594	ng	95
66) n-Nitrosodiphenylamine	10.563	169	1294855	48.083	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	459346	50.430	ng	97
68) Hexachlorobenzene	10.992	284	493310	53.621	ng	94
69) Atrazine	11.098	200	433681	52.975	ng	98
70) Pentachlorophenol	11.192	266	313488	56.368	ng	99
71) Phenanthrene	11.410	178	2148417	47.205	ng	98
72) Anthracene	11.463	178	2199922	47.063	ng	100
73) Carbazole	11.622	167	1906912	47.626	ng	99
74) Di-n-butylphthalate	11.963	149	2334517	49.006	ng	100
75) Fluoranthene	12.610	202	1953321	43.907	ng	96
77) Benzidine	12.739	184	595876	57.887	ng	97
78) Pyrene	12.839	202	1950792	47.265	ng	99
80) Butylbenzylphthalate	13.468	149	626234	59.411	ng	97
81) Benzo(a)anthracene	14.033	228	1456600	49.407	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	408496	52.031	ng	99
83) Chrysene	14.074	228	1460963	49.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	801305	59.810	ng	# 98
85) Di-n-octyl phthalate	14.663	149	1495075	56.746	ng	100
87) Indeno(1,2,3-cd)pyrene	17.156	276	1467196	47.297	ng	99
88) Benzo(b)fluoranthene	15.121	252	1411800	50.630	ng	99
89) Benzo(k)fluoranthene	15.151	252	1449654	48.402	ng	99
90) Benzo(a)pyrene	15.510	252	1351875	49.197	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1169903	46.491	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1111053	42.992	ng	99

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

