

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137481.D
 Acq On : 04 Mar 2024 15:19
 Operator : CG\JU
 Sample : P1662-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 15:53:33 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	224754	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	882061	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	505040	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	857494	20.000	ng	0.00
76) Chrysene-d12	14.051	240	441497	20.000	ng	0.00
86) Perylene-d12	15.574	264	469062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1201536	80.967	ng	0.01
7) Phenol-d6	6.504	99	1664997	77.728	ng	0.00
23) Nitrobenzene-d5	7.422	82	1036280	54.588	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	365111	82.323	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1675787	51.941	ng	0.00
79) Terphenyl-d14	12.986	244	1721929	53.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	323771	39.902	ng	98
3) Pyridine	3.546	79	740905	37.860	ng	100
4) n-Nitrosodimethylamine	3.528	42	357019	45.272	ng	95
6) Aniline	6.534	93	727806	27.806	ng	99
8) 2-Chlorophenol	6.651	128	724703	46.301	ng	98
9) Benzaldehyde	6.422	77	427583	40.744	ng	99
10) Phenol	6.522	94	1023804	44.405	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	753643	44.607	ng	100
12) 1,3-Dichlorobenzene	6.804	146	756286	45.218	ng	97
13) 1,4-Dichlorobenzene	6.881	146	767977	44.877	ng	99
14) 1,2-Dichlorobenzene	7.028	146	723150	46.040	ng	98
15) Benzyl Alcohol	7.010	79	674982	50.615	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1209364	41.642	ng	98
17) 2-Methylphenol	7.122	107	600720	41.016	ng	96
18) Hexachloroethane	7.363	117	267130	47.408	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	544996	41.201	ng	96
20) 3+4-Methylphenols	7.269	107	691110	41.201	ng	93
22) Acetophenone	7.269	105	950828	44.552	ng	# 97
24) Nitrobenzene	7.439	77	850635	44.606	ng	100
25) Isophorone	7.681	82	1589725	44.078	ng	98
26) 2-Nitrophenol	7.757	139	368443	48.664	ng	96
27) 2,4-Dimethylphenol	7.798	122	518968	36.684	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	937888	44.322	ng	99
29) 2,4-Dichlorophenol	7.998	162	600238	46.230	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	626587	45.859	ng	99
31) Naphthalene	8.157	128	2049160	43.299	ng	100
32) Benzoic acid	7.939	122	352335	43.871	ng	96
33) 4-Chloroaniline	8.210	127	207862	11.201	ng	99
34) Hexachlorobutadiene	8.275	225	363355	45.045	ng	99
35) Caprolactam	8.592	113	212197m	48.199	ng	
36) 4-Chloro-3-methylphenol	8.698	107	669688	46.144	ng	99
37) 2-Methylnaphthalene	8.851	142	1289657	42.747	ng	99
38) 1-Methylnaphthalene	8.951	142	1212690	42.682	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	615578	43.660	ng	99
41) Hexachlorocyclopentadiene	9.004	237	536225	91.834	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	416961	45.412	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	457238	43.230	ng	98
46) 1,1'-Biphenyl	9.316	154	1611554	43.597	ng	99
47) 2-Chloronaphthalene	9.339	162	1240815	44.028	ng	98
48) 2-Nitroaniline	9.445	65	449090	46.883	ng	99
49) Acenaphthylene	9.757	152	1997996	44.300	ng	99
50) Dimethylphthalate	9.628	163	1519899	43.232	ng	100
51) 2,6-Dinitrotoluene	9.686	165	333581	45.364	ng	96
52) Acenaphthene	9.933	154	1322609	49.120	ng	98
53) 3-Nitroaniline	9.857	138	195331	25.113	ng	96
54) 2,4-Dinitrophenol	9.969	184	318810	87.976	ng	97
55) Dibenzofuran	10.104	168	1905567	46.466	ng	99
56) 4-Nitrophenol	10.033	139	489623	88.001	ng	96
57) 2,4-Dinitrotoluene	10.092	165	412625	45.674	ng	92
58) Fluorene	10.451	166	1512480	48.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	371880m	43.845	ng	
60) Diethylphthalate	10.327	149	1417329	42.691	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	612189	39.661	ng	92
62) 4-Nitroaniline	10.480	138	289025	43.235	ng	99
63) Azobenzene	10.604	77	1621644	42.419	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	235143	49.201	ng	94
66) n-Nitrosodiphenylamine	10.569	169	1188379	43.038	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	416026	44.544	ng	98
68) Hexachlorobenzene	10.998	284	448094	47.502	ng	# 89
69) Atrazine	11.104	200	398875	47.519	ng	99
70) Pentachlorophenol	11.198	266	506463	88.814	ng	99
71) Phenanthrene	11.422	178	3153074	67.566	ng	98
72) Anthracene	11.469	178	2156504	44.994	ng	100
73) Carbazole	11.627	167	1850773	45.081	ng	99
74) Di-n-butylphthalate	11.963	149	2211299	45.271	ng	98
75) Fluoranthene	12.616	202	2803404	61.457	ng	97
77) Benzidine	12.745	184	689673	63.832	ng	98
78) Pyrene	12.845	202	2514137	58.035	ng	98
80) Butylbenzylphthalate	13.474	149	626481	56.626	ng	97
81) Benzo(a)anthracene	14.039	228	1515244	48.967	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	300119	36.420	ng	99
83) Chrysene	14.080	228	1501663	48.015	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	796685	56.655	ng	# 99
85) Di-n-octyl phthalate	14.668	149	1462995	53.283	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1503968	48.723	ng	99
88) Benzo(b)fluoranthene	15.121	252	1370374	49.388	ng	100
89) Benzo(k)fluoranthene	15.157	252	1310704	43.979	ng	99
90) Benzo(a)pyrene	15.515	252	1277879	46.735	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1195590	47.747	ng	99
92) Benzo(g,h,i)perylene	17.651	276	1178557	45.830	ng	99

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

