

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137887.D
 Acq On : 10 May 2024 18:22
 Operator : CG\JU
 Sample : P2422-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:40:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 03:25:08 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	147353	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	581275	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	322848	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	496394	20.000	ng	0.00
76) Chrysene-d12	14.245	240	261427	20.000	ng	# 0.00
86) Perylene-d12	15.809	264	243996	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1049682	119.269	ng	0.02
7) Phenol-d6	6.669	99	1234267	110.566	ng	0.00
23) Nitrobenzene-d5	7.616	82	858881	85.845	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	431284	130.836	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1780327	89.464	ng	-0.01
79) Terphenyl-d14	13.180	244	1463080	93.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	145166	36.629	ng	# 85
3) Pyridine	3.840	79	238839	24.901	ng	97
4) n-Nitrosodimethylamine	3.792	42	173069	40.070	ng	94
6) Aniline	6.716	93	83684	7.563	ng	97
8) 2-Chlorophenol	6.833	128	428367	44.663	ng	99
9) Benzaldehyde	6.604	77	108422	18.035	ng	99
10) Phenol	6.681	94	442206	38.659	ng	97
11) bis(2-Chloroethyl)ether	6.781	93	379223	42.341	ng	99
12) 1,3-Dichlorobenzene	6.992	146	444664	41.113	ng	98
13) 1,4-Dichlorobenzene	7.069	146	456322	42.048	ng	99
14) 1,2-Dichlorobenzene	7.222	146	433578	42.418	ng	98
15) Benzyl Alcohol	7.186	79	296211	38.370	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	485946	38.600	ng	96
17) 2-Methylphenol	7.292	107	349603	45.173	ng	97
18) Hexachloroethane	7.563	117	153847	41.934	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	284413	42.633	ng	96
20) 3+4-Methylphenols	7.439	107	437251	42.944	ng	96
22) Acetophenone	7.457	105	592724	45.339	ng	99
24) Nitrobenzene	7.633	77	431337	41.830	ng	96
25) Isophorone	7.869	82	799313	44.310	ng	98
26) 2-Nitrophenol	7.945	139	231793	49.639	ng	92
27) 2,4-Dimethylphenol	7.975	122	318044	47.310	ng	96
28) bis(2-Chloroethoxy)met...	8.075	93	472572	43.267	ng	99
29) 2,4-Dichlorophenol	8.186	162	375961	46.269	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	387635	43.761	ng	99
31) Naphthalene	8.357	128	1261107	43.657	ng	100
32) Benzoic acid	8.080	122	240752	41.512	ng	95
33) 4-Chloroaniline	8.404	127	17830	1.665	ng	# 96
34) Hexachlorobutadiene	8.469	225	229744	42.245	ng	99
35) Caprolactam	8.769	113	103492m	40.198	ng	
36) 4-Chloro-3-methylphenol	8.874	107	393240	46.407	ng	95
37) 2-Methylnaphthalene	9.051	142	847292	45.313	ng	100
38) 1-Methylnaphthalene	9.151	142	787019	42.782	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	401519	46.957	ng	99
41) Hexachlorocyclopentadiene	9.198	237	401384	115.568	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	267932	46.032	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	295975	46.051	ng	95
46) 1,1'-Biphenyl	9.516	154	1037997	46.848	ng	98
47) 2-Chloronaphthalene	9.545	162	812679	45.432	ng	99
48) 2-Nitroaniline	9.633	65	209583	43.201	ng	98
49) Acenaphthylene	9.963	152	1274322	49.247	ng	100
50) Dimethylphthalate	9.810	163	1008778	49.496	ng	100
51) 2,6-Dinitrotoluene	9.874	165	224353	48.168	ng	96
52) Acenaphthene	10.133	154	836987	48.798	ng	99
53) 3-Nitroaniline	10.039	138	20342	4.171	ng	92
54) 2,4-Dinitrophenol	10.151	184	197825	86.439	ng	94
55) Dibenzofuran	10.304	168	1154869	46.269	ng	99
56) 4-Nitrophenol	10.192	139	224419	55.514	ng	97
57) 2,4-Dinitrotoluene	10.280	165	286337	47.056	ng	95
58) Fluorene	10.651	166	904118	45.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.416	232	241599	46.302	ng	99
60) Diethylphthalate	10.510	149	928064	47.945	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	452242	46.204	ng	98
62) 4-Nitroaniline	10.663	138	131918	26.664	ng	97
63) Azobenzene	10.798	77	819258	43.791	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	145835	51.186	ng	91
66) n-Nitrosodiphenylamine	10.757	169	587305	39.525	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	275891	51.932	ng	96
68) Hexachlorobenzene	11.198	284	296453	51.064	ng	95
69) Atrazine	11.274	200	118210	26.091	ng	100
70) Pentachlorophenol	11.392	266	325014	81.544	ng	97
71) Phenanthrene	11.621	178	1180747	48.801	ng	98
72) Anthracene	11.668	178	1194085	49.601	ng	99
73) Carbazole	11.821	167	728149	31.384	ng	99
74) Di-n-butylphthalate	12.139	149	1289277	50.942	ng	99
75) Fluoranthene	12.810	202	994405	37.599	ng	99
78) Pyrene	13.045	202	971472	46.868	ng	98
80) Butylbenzylphthalate	13.645	149	358449	54.503	ng	98
81) Benzo(a)anthracene	14.233	228	838719	50.161	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	12478	2.493	ng	93
83) Chrysene	14.268	228	802679	51.270	ng	98
84) Bis(2-ethylhexyl)phtha...	14.198	149	484449	58.449	ng	99
85) Di-n-octyl phthalate	14.827	149	799199	71.647	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	575838	41.511	ng	98
88) Benzo(b)fluoranthene	15.339	252	774021	50.987	ng	100
89) Benzo(k)fluoranthene	15.368	252	804990	54.863	ng	100
90) Benzo(a)pyrene	15.745	252	669246	54.037	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	459908	40.731	ng	97
92) Benzo(g,h,i)perylene	17.939	276	420111	35.492	ng	99

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

