

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138764.D
 Acq On : 03 Aug 2024 12:03
 Operator : RC/JU
 Sample : P3402-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

VNJ-222MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:49:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	61608	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	248798	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	139445	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	271345	20.000	ng	0.00
76) Chrysene-d12	14.010	240	121785	20.000	ng	0.00
86) Perylene-d12	15.480	264	117840	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	355611	89.102	ng	0.02
7) Phenol-d6	6.492	99	500508	93.406	ng	0.00
23) Nitrobenzene-d5	7.416	82	346090	68.010	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	116179	101.711	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	614239	66.183	ng	0.00
79) Terphenyl-d14	12.951	244	591416	81.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	60532	34.643	ng	99
3) Pyridine	3.451	79	158616	37.474	ng	95
4) n-Nitrosodimethylamine	3.416	42	111396	44.188	ng	95
6) Aniline	6.510	93	221886	46.432	ng	# 51
8) 2-Chlorophenol	6.639	128	213221	50.779	ng	97
9) Benzaldehyde	6.398	77	10969	3.415	ng	99
10) Phenol	6.510	94	281511	49.898	ng	80
11) bis(2-Chloroethyl)ether	6.587	93	204934	47.203	ng	99
12) 1,3-Dichlorobenzene	6.787	146	226404	48.168	ng	99
13) 1,4-Dichlorobenzene	6.863	146	231785	48.864	ng	99
14) 1,2-Dichlorobenzene	7.016	146	219907	49.606	ng	100
15) Benzyl Alcohol	6.992	79	206723	53.527	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	350918	46.967	ng	56
17) 2-Methylphenol	7.110	107	177436	51.174	ng	# 91
18) Hexachloroethane	7.357	117	89040	49.867	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	169274	52.304	ng	97
20) 3+4-Methylphenols	7.263	107	229840	51.664	ng	# 87
22) Acetophenone	7.257	105	292674	48.044	ng	98
24) Nitrobenzene	7.434	77	251732	48.614	ng	98
25) Isophorone	7.675	82	463579	53.350	ng	99
26) 2-Nitrophenol	7.745	139	124484	55.877	ng	98
27) 2,4-Dimethylphenol	7.786	122	159064	59.675	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	258932	48.933	ng	99
29) 2,4-Dichlorophenol	7.992	162	177515	51.826	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	192772	48.769	ng	98
31) Naphthalene	8.151	128	638748	48.774	ng	100
32) Benzoic acid	7.934	122	85593	40.850	ng	98
33) 4-Chloroaniline	8.204	127	184370	41.940	ng	99
34) Hexachlorobutadiene	8.263	225	115056	48.057	ng	99
35) Caprolactam	8.586	113	52366m	51.238	ng	
36) 4-Chloro-3-methylphenol	8.692	107	207990	53.134	ng	98
37) 2-Methylnaphthalene	8.839	142	433376	52.398	ng	99
38) 1-Methylnaphthalene	8.939	142	401865	49.585	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	183843	47.460	ng	98
41) Hexachlorocyclopentadiene	8.986	237	108657	103.715	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	122881	52.029	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138764.D
 Acq On : 03 Aug 2024 12:03
 Operator : RC/JU
 Sample : P3402-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

VNJ-222MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:49:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 30 17:50:01 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	128815	49.891	ng	100
46) 1,1'-Biphenyl	9.304	154	501823	45.950	ng	100
47) 2-Chloronaphthalene	9.333	162	389888	48.002	ng	99
48) 2-Nitroaniline	9.433	65	145094	52.693	ng	99
49) Acenaphthylene	9.745	152	624799	54.236	ng	99
50) Dimethylphthalate	9.610	163	468232	52.514	ng	99
51) 2,6-Dinitrotoluene	9.675	165	103207	51.290	ng	94
52) Acenaphthene	9.922	154	382314	49.370	ng	100
53) 3-Nitroaniline	9.845	138	88363	42.478	ng	100
54) 2,4-Dinitrophenol	9.963	184	95593	103.199	ng	95
55) Dibenzofuran	10.092	168	625049	57.179	ng	100
56) 4-Nitrophenol	10.027	139	119606	95.613	ng	99
57) 2,4-Dinitrotoluene	10.086	165	149767	58.336	ng	# 87
58) Fluorene	10.433	166	455197	52.291	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	120041	60.813	ng	97
60) Diethylphthalate	10.310	149	525418	62.149	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	231116	53.983	ng	98
62) 4-Nitroaniline	10.463	138	98887	50.023	ng	94
63) Azobenzene	10.586	77	478713	51.054	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	74309	44.888	ng	97
66) n-Nitrosodiphenylamine	10.545	169	374216	44.121	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	126618	43.099	ng	98
68) Hexachlorobenzene	10.980	284	131701	43.418	ng	98
69) Atrazine	11.074	200	118366	54.091	ng	98
70) Pentachlorophenol	11.180	266	116225	85.007	ng	98
71) Phenanthrene	11.398	178	702674	50.291	ng	100
72) Anthracene	11.451	178	669921	48.670	ng	100
73) Carbazole	11.604	167	576851	48.576	ng	99
74) Di-n-butylphthalate	11.927	149	763940	57.225	ng	99
75) Fluoranthene	12.586	202	552273	42.340	ng	99
77) Benzidine	12.710	184	141582	48.605	ng	98
78) Pyrene	12.816	202	596596	52.030	ng	100
80) Butylbenzylphthalate	13.427	149	228715	62.288	ng	98
81) Benzo(a)anthracene	14.004	228	433877	51.736	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	116736	54.394	ng	98
83) Chrysene	14.039	228	380524	50.293	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	328874	61.165	ng	99
85) Di-n-octyl phthalate	14.592	149	468966	47.142	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	472547	55.957	ng	98
88) Benzo(b)fluoranthene	15.051	252	446873	61.174	ng	99
89) Benzo(k)fluoranthene	15.080	252	339904	53.742	ng	99
90) Benzo(a)pyrene	15.421	252	323381	52.629	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	379985	54.815	ng	98
92) Benzo(g,h,i)perylene	17.409	276	356308	49.532	ng	98

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

