

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137732.D
 Acq On : 26 Apr 2024 13:23
 Operator : CG\JU
 Sample : PB160534BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024

Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 26 13:55:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	294250	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1184568	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	625679	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1103871	20.000	ng	0.00
76) Chrysene-d12	14.257	240	742528	20.000	ng	0.00
86) Perylene-d12	15.827	264	572054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2310855	119.296	ng	0.02
7) Phenol-d6	6.681	99	2900839	117.926	ng	0.00
23) Nitrobenzene-d5	7.628	82	1808410	81.039	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	842321	133.414	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3376896	80.645	ng	0.00
79) Terphenyl-d14	13.192	244	3790497	82.166	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	305057	35.169	ng	98
3) Pyridine	3.828	79	711591	30.796	ng	98
4) n-Nitrosodimethylamine	3.793	42	432435	40.101	ng	96
6) Aniline	6.728	93	510712	16.681	ng	97
8) 2-Chlorophenol	6.845	128	921957	45.595	ng	97
10) Phenol	6.692	94	1077423	43.843	ng	96
11) bis(2-Chloroethyl)ether	6.792	93	842787	42.046	ng	97
12) 1,3-Dichlorobenzene	7.004	146	934709	44.079	ng	98
13) 1,4-Dichlorobenzene	7.081	146	963977	45.153	ng	98
14) 1,2-Dichlorobenzene	7.234	146	923164	46.455	ng	99
15) Benzyl Alcohol	7.198	79	773290	42.023	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1281058	41.558	ng	98
17) 2-Methylphenol	7.298	107	738001	41.079	ng	100
18) Hexachloroethane	7.575	117	338266	44.769	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	634389	39.882	ng	99
20) 3+4-Methylphenols	7.451	107	937174	40.389	ng	95
22) Acetophenone	7.469	105	1242382	42.881	ng	99
24) Nitrobenzene	7.645	77	945209	41.925	ng	96
25) Isophorone	7.881	82	1737346	41.920	ng	99
26) 2-Nitrophenol	7.957	139	481937	48.711	ng	94
27) 2,4-Dimethylphenol	7.986	122	736230	36.884	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	1039544	41.066	ng	99
29) 2,4-Dichlorophenol	8.198	162	772178	44.141	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	793680	44.512	ng	98
31) Naphthalene	8.369	128	2604408	43.085	ng	100
32) Benzoic acid	8.104	122	599048	47.398	ng	99
33) 4-Chloroaniline	8.410	127	356379	13.929	ng	99
34) Hexachlorobutadiene	8.481	225	471331	44.093	ng	98
35) Caprolactam	8.786	113	244584m	43.245	ng	
36) 4-Chloro-3-methylphenol	8.886	107	796272	42.916	ng	97
37) 2-Methylnaphthalene	9.063	142	1689481	40.721	ng	100
38) 1-Methylnaphthalene	9.163	142	1588880	40.960	ng	99
40) 1,2,4,5-Tetrachloroben...	9.228	216	793788	46.276	ng	100
41) Hexachlorocyclopentadiene	9.210	237	901998	93.849	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	554346	46.067	ng	99
44) 2,4,5-Trichlorophenol	9.386	196	582217	42.218	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.527	154	2032963	44.664	ng	99
47) 2-Chloronaphthalene	9.557	162	1621983	46.227	ng	98
48) 2-Nitroaniline	9.645	65	495960	46.387	ng	97
49) Acenaphthylene	9.975	152	2501050	45.709	ng	100
50) Dimethylphthalate	9.822	163	1893396	43.434	ng	99
51) 2,6-Dinitrotoluene	9.886	165	434540	47.311	ng	91
52) Acenaphthene	10.145	154	1715613	48.422	ng	100
53) 3-Nitroaniline	10.057	138	306436	29.688	ng	94
54) 2,4-Dinitrophenol	10.163	184	510864	102.961	ng	# 45
55) Dibenzofuran	10.316	168	2289465	44.083	ng	98
56) 4-Nitrophenol	10.210	139	747274	93.096	ng	99
57) 2,4-Dinitrotoluene	10.292	165	578898	49.995	ng	98
58) Fluorene	10.663	166	1774266	43.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.427	232	490177	45.902	ng	99
60) Diethylphthalate	10.527	149	1778338	42.414	ng	100
61) 4-Chlorophenyl-phenyle...	10.651	204	876697	43.722	ng	94
62) 4-Nitroaniline	10.680	138	436311	44.380	ng	99
63) Azobenzene	10.810	77	1799855	41.891	ng	97
65) 4,6-Dinitro-2-methylph...	10.698	198	323361	51.090	ng	95
66) n-Nitrosodiphenylamine	10.769	169	1590230	42.534	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	542278	42.395	ng	95
68) Hexachlorobenzene	11.210	284	579271	46.486	ng	96
69) Atrazine	11.292	200	385831	37.333	ng	98
70) Pentachlorophenol	11.404	266	765098	81.621	ng	99
71) Phenanthrene	11.633	178	2483020	42.493	ng	100
72) Anthracene	11.680	178	2534461	42.357	ng	100
73) Carbazole	11.833	167	2332565	43.015	ng	99
74) Di-n-butylphthalate	12.151	149	2725951	41.237	ng	100
75) Fluoranthene	12.821	202	2631323	42.841	ng	98
77) Benzidine	12.933	184	224605	12.951	ng	100
78) Pyrene	13.057	202	2653169	43.533	ng	100
80) Butylbenzylphthalate	13.663	149	993011	45.945	ng	92
81) Benzo(a)anthracene	14.245	228	2247212	43.391	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	502956	31.388	ng	# 97
83) Chrysene	14.286	228	2063847	42.650	ng	100
84) Bis(2-ethylhexyl)phtha...	14.215	149	1382755	42.364	ng	99
85) Di-n-octyl phthalate	14.845	149	2017467	41.149	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	1699121	53.568	ng	99
88) Benzo(b)fluoranthene	15.357	252	1761855	48.130	ng	97
89) Benzo(k)fluoranthene	15.386	252	1728577	48.038	ng	99
90) Benzo(a)pyrene	15.762	252	1491365	45.415	ng	99
91) Dibenzo(a,h)anthracene	17.492	278	1413706	53.708	ng	99
92) Benzo(g,h,i)perylene	17.974	276	1359086	53.098	ng	98

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

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