

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138611.D
 Acq On : 23 Jul 2024 11:25
 Operator : RC/JU
 Sample : PB162188BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162188BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 23 11:58:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	91789	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	376167	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	202787	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	340177	20.000	ng	0.00
76) Chrysene-d12	14.016	240	166767	20.000	ng	-0.01
86) Perylene-d12	15.474	264	161601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	734718	126.771	ng	0.00
7) Phenol-d6	6.498	99	986752	127.985	ng	0.00
23) Nitrobenzene-d5	7.422	82	650403	84.891	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	235365	124.187	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1095105	84.401	ng	-0.01
79) Terphenyl-d14	12.963	244	1031652	100.780	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	95678	37.275	ng	99
3) Pyridine	3.481	79	261620	41.330	ng	95
4) n-Nitrosodimethylamine	3.446	42	191146	46.386	ng	92
6) Aniline	6.522	93	256300	35.491	ng	# 64
8) 2-Chlorophenol	6.645	128	298331	48.681	ng	99
9) Benzaldehyde	6.404	77	25861	6.267	ng	98
10) Phenol	6.510	94	389954	47.650	ng	90
11) bis(2-Chloroethyl)ether	6.593	93	297424	48.271	ng	98
12) 1,3-Dichlorobenzene	6.792	146	307924	44.701	ng	97
13) 1,4-Dichlorobenzene	6.875	146	310807	44.432	ng	99
14) 1,2-Dichlorobenzene	7.022	146	295977	45.430	ng	96
15) Benzyl Alcohol	6.998	79	278251	48.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	539017	44.485	ng	83
17) 2-Methylphenol	7.116	107	243115	48.405	ng	# 91
18) Hexachloroethane	7.363	117	119348	46.410	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	229816	48.240	ng	95
20) 3+4-Methylphenols	7.269	107	300664	47.539	ng	# 89
22) Acetophenone	7.263	105	389151	42.595	ng	98
24) Nitrobenzene	7.439	77	342101	43.939	ng	97
25) Isophorone	7.675	82	619512	47.085	ng	100
26) 2-Nitrophenol	7.751	139	158580	47.521	ng	93
27) 2,4-Dimethylphenol	7.792	122	205700m	50.154	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	368064	46.808	ng	98
29) 2,4-Dichlorophenol	7.998	162	241615	45.365	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	263864	42.528	ng	99
31) Naphthalene	8.157	128	875929	44.773	ng	99
32) Benzoic acid	7.928	122	137419	35.129	ng	93
33) 4-Chloroaniline	8.210	127	166614	24.273	ng	98
34) Hexachlorobutadiene	8.269	225	154915	40.547	ng	100
35) Caprolactam	8.586	113	72840m	42.382	ng	
36) 4-Chloro-3-methylphenol	8.698	107	275837	46.261	ng	99
37) 2-Methylnaphthalene	8.851	142	559514	44.442	ng	99
38) 1-Methylnaphthalene	8.951	142	514612	41.882	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	229385	40.586	ng	98
41) Hexachlorocyclopentadiene	8.998	237	220930	120.433	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	158228	43.889	ng	100

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44) 2,4,5-Trichlorophenol	9.181	196	164596	41.510	ng	96
46) 1,1'-Biphenyl	9.316	154	647874	42.157	ng	99
47) 2-Chloronaphthalene	9.339	162	512381	44.133	ng	99
48) 2-Nitroaniline	9.439	65	192684	47.893	ng	95
49) Acenaphthylene	9.757	152	809823	49.130	ng	100
50) Dimethylphthalate	9.616	163	603033	45.989	ng	100
51) 2,6-Dinitrotoluene	9.681	165	133991	44.381	ng	89
52) Acenaphthene	9.928	154	500838	45.710	ng	99
53) 3-Nitroaniline	9.851	138	89591	28.952	ng	93
54) 2,4-Dinitrophenol	9.963	184	121700	75.393	ng	93
55) Dibenzofuran	10.098	168	710734	44.721	ng	99
56) 4-Nitrophenol	10.022	139	186565	81.711	ng	99
57) 2,4-Dinitrotoluene	10.086	165	179108	45.850	ng	94
58) Fluorene	10.439	166	563746	44.831	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	135256	43.221	ng	96
60) Diethylphthalate	10.316	149	566928	44.848	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	270107	42.776	ng	95
62) 4-Nitroaniline	10.469	138	134193	43.276	ng	98
63) Azobenzene	10.592	77	639819	47.077	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	95581	48.661	ng	85
66) n-Nitrosodiphenylamine	10.557	169	480948	47.189	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	159636	45.657	ng	99
68) Hexachlorobenzene	10.986	284	177229	45.628	ng	97
69) Atrazine	11.080	200	145019	42.917	ng	97
70) Pentachlorophenol	11.186	266	182034	79.200	ng	96
71) Phenanthrene	11.404	178	801107	46.614	ng	99
72) Anthracene	11.457	178	813947	47.711	ng	99
73) Carbazole	11.610	167	711886	46.434	ng	100
74) Di-n-butylphthalate	11.933	149	839806	47.522	ng	100
75) Fluoranthene	12.592	202	778671	44.403	ng	98
77) Benzidine	12.710	184	137791	32.749	ng	100
78) Pyrene	12.822	202	777700	45.939	ng	99
80) Butylbenzylphthalate	13.433	149	274068	53.817	ng	97
81) Benzo(a)anthracene	14.004	228	539631	48.224	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	95698	33.189	ng	98
83) Chrysene	14.045	228	494487	46.712	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	303269	55.837	ng	98
85) Di-n-octyl phthalate	14.598	149	416951	48.595	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	529808	48.809	ng	99
88) Benzo(b)fluoranthene	15.051	252	410081	45.059	ng	99
89) Benzo(k)fluoranthene	15.080	252	415876	46.854	ng	99
90) Benzo(a)pyrene	15.415	252	394220	49.310	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	422940	47.632	ng	98
92) Benzo(g,h,i)perylene	17.392	276	420633	44.674	ng	97

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

