

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138590.D
 Acq On : 19 Jul 2024 15:28
 Operator : RC/JU
 Sample : P3246-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02MS

Quant Time: Jul 19 15:58:40 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	77647	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	323301	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	178986	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	309299	20.000	ng	0.00
76) Chrysene-d12	14.021	240	154688	20.000	ng	0.00
86) Perylene-d12	15.480	264	174593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	560708	114.367	ng	0.00
7) Phenol-d6	6.498	99	779864	119.573	ng	0.00
23) Nitrobenzene-d5	7.422	82	484002	73.502	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	188617	112.755	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	796849	69.581	ng	-0.01
79) Terphenyl-d14	12.963	244	754488	79.460	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	97507	44.906	ng	99
3) Pyridine	3.463	79	233551	43.615	ng	98
4) n-Nitrosodimethylamine	3.416	42	188986	54.215	ng	92
6) Aniline	6.522	93	246677	40.380	ng	# 42
8) 2-Chlorophenol	6.645	128	285971	55.163	ng	96
9) Benzaldehyde	6.410	77	27060	7.751	ng	96
10) Phenol	6.516	94	375779	54.281	ng	87
11) bis(2-Chloroethyl)ether	6.598	93	279158	53.559	ng	98
12) 1,3-Dichlorobenzene	6.798	146	287265	49.297	ng	98
13) 1,4-Dichlorobenzene	6.875	146	293796	49.649	ng	98
14) 1,2-Dichlorobenzene	7.028	146	277888	50.422	ng	97
15) Benzyl Alcohol	7.004	79	276890	56.570	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	515714	50.314	ng	69
17) 2-Methylphenol	7.116	107	227379	53.518	ng	94
18) Hexachloroethane	7.369	117	110420	50.759	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	219099	54.367	ng	94
20) 3+4-Methylphenols	7.269	107	288369	53.899	ng	91
22) Acetophenone	7.269	105	361874	46.086	ng	97
24) Nitrobenzene	7.445	77	325168	48.593	ng	96
25) Isophorone	7.681	82	592359	52.383	ng	100
26) 2-Nitrophenol	7.757	139	152482	53.166	ng	95
27) 2,4-Dimethylphenol	7.798	122	197849m	56.127	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	341177	50.483	ng	100
29) 2,4-Dichlorophenol	8.004	162	233219	50.949	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	245679	46.072	ng	98
31) Naphthalene	8.163	128	831208	49.435	ng	99
32) Benzoic acid	7.934	122	148320	44.116	ng	94
33) 4-Chloroaniline	8.210	127	142072	24.082	ng	99
34) Hexachlorobutadiene	8.275	225	138644	42.222	ng	99
35) Caprolactam	8.592	113	76537m	51.815	ng	
36) 4-Chloro-3-methylphenol	8.704	107	270311	52.747	ng	99
37) 2-Methylnaphthalene	8.857	142	530848	49.060	ng	99
38) 1-Methylnaphthalene	8.957	142	487511	46.165	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	218130	43.727	ng	98
41) Hexachlorocyclopentadiene	9.004	237	189488	117.029	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	155503	48.869	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	166891	47.685	ng	95
46) 1,1'-Biphenyl	9.322	154	613052	45.196	ng	99
47) 2-Chloronaphthalene	9.345	162	487690	47.592	ng	98
48) 2-Nitroaniline	9.445	65	194425	54.752	ng	97
49) Acenaphthylene	9.763	152	784746	53.939	ng	100
50) Dimethylphthalate	9.622	163	590975	51.062	ng	99
51) 2,6-Dinitrotoluene	9.686	165	130598	49.009	ng	90
52) Acenaphthene	9.933	154	494753	51.159	ng	99
53) 3-Nitroaniline	9.857	138	100266	36.711	ng	90
54) 2,4-Dinitrophenol	9.963	184	136742	94.702	ng	97
55) Dibenzofuran	10.104	168	699358	49.857	ng	99
56) 4-Nitrophenol	10.028	139	204942	101.695	ng	97
57) 2,4-Dinitrotoluene	10.092	165	177343	51.436	ng	94
58) Fluorene	10.445	166	550068	49.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	136753	49.510	ng	96
60) Diethylphthalate	10.322	149	564363	50.582	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	259936	46.639	ng	95
62) 4-Nitroaniline	10.475	138	144554	52.817	ng	97
63) Azobenzene	10.598	77	624893	52.093	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	103488	57.947	ng	78
66) n-Nitrosodiphenylamine	10.557	169	476607	51.432	ng	97
67) 4-Bromophenyl-phenylether	10.928	248	152057	47.831	ng	98
68) Hexachlorobenzene	10.992	284	170983	48.415	ng	98
69) Atrazine	11.086	200	146587	47.711	ng	98
70) Pentachlorophenol	11.192	266	187001	89.484	ng	97
71) Phenanthrene	11.410	178	811591	51.938	ng	99
72) Anthracene	11.463	178	815648	52.584	ng	99
73) Carbazole	11.616	167	707969	50.788	ng	100
74) Di-n-butylphthalate	11.939	149	854145	53.159	ng	100
75) Fluoranthene	12.598	202	759244	47.617	ng	98
77) Benzidine	12.716	184	76199	19.524	ng	98
78) Pyrene	12.822	202	747016	47.572	ng	99
80) Butylbenzylphthalate	13.439	149	279185	59.103	ng	97
81) Benzo(a)anthracene	14.010	228	543420	52.355	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	114723	42.894	ng	# 96
83) Chrysene	14.045	228	505614	51.493	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	346786	68.835	ng	99
85) Di-n-octyl phthalate	14.604	149	554232	69.639	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	604226	51.522	ng	99
88) Benzo(b)fluoranthene	15.057	252	538213	54.738	ng	100
89) Benzo(k)fluoranthene	15.086	252	433523	45.208	ng	99
90) Benzo(a)pyrene	15.427	252	463692	53.684	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	479414	49.975	ng	99
92) Benzo(g,h,i)perylene	17.404	276	470196	46.222	ng	96

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

