

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138596.D
 Acq On : 19 Jul 2024 18:32
 Operator : RC/JU
 Sample : P3294-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:17:45 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	81785	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	317613	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	155151	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	227102	20.000	ng	0.00
76) Chrysene-d12	14.021	240	148886	20.000	ng	0.00
86) Perylene-d12	15.480	264	129381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	583928	113.077	ng	0.00
7) Phenol-d6	6.498	99	787955	114.701	ng	0.00
23) Nitrobenzene-d5	7.428	82	504935	78.055	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	151638	104.575	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	813302	81.928	ng	-0.01
79) Terphenyl-d14	12.963	244	649006	71.015	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	105956	46.328	ng	99
3) Pyridine	3.469	79	268165	47.546	ng	97
4) n-Nitrosodimethylamine	3.428	42	198065	53.945	ng	91
6) Aniline	6.522	93	219238	34.073	ng	# 13
8) 2-Chlorophenol	6.645	128	291104	53.312	ng	96
9) Benzaldehyde	6.410	77	26078	7.092	ng	98
10) Phenol	6.516	94	376944	51.695	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	294810	53.700	ng	99
12) 1,3-Dichlorobenzene	6.798	146	304740	49.650	ng	97
13) 1,4-Dichlorobenzene	6.875	146	305678	49.044	ng	98
14) 1,2-Dichlorobenzene	7.028	146	293240	50.515	ng	98
15) Benzyl Alcohol	7.004	79	279667	54.247	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	527608	48.870	ng	60
17) 2-Methylphenol	7.122	107	233766	52.237	ng	# 91
18) Hexachloroethane	7.369	117	114680	50.050	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	217285	51.189	ng	96
20) 3+4-Methylphenols	7.275	107	288816	51.251	ng	91
22) Acetophenone	7.269	105	371829	48.202	ng	98
24) Nitrobenzene	7.445	77	331526	50.430	ng	97
25) Isophorone	7.681	82	585368	52.692	ng	100
26) 2-Nitrophenol	7.757	139	152960	54.287	ng	94
27) 2,4-Dimethylphenol	7.798	122	198578	57.343	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	348780	52.532	ng	99
29) 2,4-Dichlorophenol	8.004	162	225976	50.250	ng	98
30) 1,2,4-Trichlorobenzene	8.080	180	246380	47.031	ng	99
31) Naphthalene	8.163	128	824287	49.901	ng	99
32) Benzoic acid	7.933	122	148088	44.836	ng	96
33) 4-Chloroaniline	8.216	127	89965	15.522	ng	97
34) Hexachlorobutadiene	8.275	225	141771	43.947	ng	98
35) Caprolactam	8.586	113	71455m	49.241	ng	
36) 4-Chloro-3-methylphenol	8.704	107	255987	50.847	ng	99
37) 2-Methylnaphthalene	8.857	142	516083	48.549	ng	100
38) 1-Methylnaphthalene	8.957	142	477250	46.002	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	211690	48.955	ng	99
41) Hexachlorocyclopentadiene	9.004	237	126024	89.790	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	147551	53.494	ng	98

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44) 2,4,5-Trichlorophenol	9.180	196	152631	50.310	ng	# 92
46) 1,1'-Biphenyl	9.322	154	595865	50.677	ng	100
47) 2-Chloronaphthalene	9.345	162	463650	52.197	ng	99
48) 2-Nitroaniline	9.445	65	176820	57.444	ng	98
49) Acenaphthylene	9.763	152	722287	57.273	ng	100
50) Dimethylphthalate	9.622	163	561393	55.958	ng	100
51) 2,6-Dinitrotoluene	9.686	165	119247	51.624	ng	90
52) Acenaphthene	9.933	154	459326	54.792	ng	98
53) 3-Nitroaniline	9.851	138	86715	36.627	ng	90
54) 2,4-Dinitrophenol	9.963	184	108838	87.338	ng	95
55) Dibenzofuran	10.104	168	625434	51.437	ng	100
56) 4-Nitrophenol	10.022	139	158627	90.805	ng	98
57) 2,4-Dinitrotoluene	10.086	165	156850	52.481	ng	98
58) Fluorene	10.445	166	472683	49.130	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	116488	48.652	ng	97
60) Diethylphthalate	10.316	149	521974	53.970	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	232429	48.110	ng	94
62) 4-Nitroaniline	10.469	138	114066	48.080	ng	98
63) Azobenzene	10.598	77	542141	52.138	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	79695	60.775	ng	86
66) n-Nitrosodiphenylamine	10.557	169	412910	60.685	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	129984	55.687	ng	98
68) Hexachlorobenzene	10.992	284	133842	51.615	ng	95
69) Atrazine	11.080	200	120084	53.232	ng	97
70) Pentachlorophenol	11.186	266	141680	92.335	ng	97
71) Phenanthrene	11.404	178	613777	53.496	ng	99
72) Anthracene	11.457	178	615944	54.081	ng	99
73) Carbazole	11.616	167	534606	52.233	ng	100
74) Di-n-butylphthalate	11.939	149	671844	56.947	ng	100
75) Fluoranthene	12.592	202	579424	49.492	ng	98
77) Benzidine	12.715	184	160259	42.663	ng	99
78) Pyrene	12.821	202	586299	38.792	ng	99
80) Butylbenzylphthalate	13.433	149	252672	55.574	ng	95
81) Benzo(a)anthracene	14.010	228	535895	53.642	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	100609	39.083	ng	# 97
83) Chrysene	14.045	228	489696	51.815	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	347411	71.646	ng	100
85) Di-n-octyl phthalate	14.604	149	579871	75.699	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	365451	42.052	ng	98
88) Benzo(b)fluoranthene	15.057	252	415165	56.978	ng	100
89) Benzo(k)fluoranthene	15.086	252	404852	56.971	ng	99
90) Benzo(a)pyrene	15.421	252	350845	54.813	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	292703	41.174	ng	100
92) Benzo(g,h,i)perylene	17.398	276	273914	36.336	ng	97

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

