

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138282.D
 Acq On : 21 Jun 2024 13:25
 Operator : CG\JU
 Sample : P2976-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 13:55:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	300251	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1162793	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	596405	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	870891	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	537295	20.000	ng	0.00
86) Perylene-d12	15.515	264	598069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1841727	102.611	ng	0.00
7) Phenol-d6	6.522	99	2344580	103.015	ng	0.00
23) Nitrobenzene-d5	7.451	82	1447776	72.484	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	591419	99.610	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2602441	69.387	ng	0.00
79) Terphenyl-d14	12.992	244	2150204	63.383	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	306440	37.307	ng	97
3) Pyridine	3.498	79	781963	40.056	ng	98
4) n-Nitrosodimethylamine	3.457	42	400261	44.302	ng	94
6) Aniline	6.551	93	840750	37.753	ng	98
8) 2-Chlorophenol	6.669	128	928888	47.869	ng	97
9) Benzaldehyde	6.434	77	232003	19.192	ng	99
10) Phenol	6.534	94	1083748m	46.921	ng	
11) bis(2-Chloroethyl)ether	6.622	93	853985	46.197	ng	98
12) 1,3-Dichlorobenzene	6.828	146	954801	43.296	ng	99
13) 1,4-Dichlorobenzene	6.904	146	962063	43.350	ng	99
14) 1,2-Dichlorobenzene	7.057	146	930395	44.658	ng	98
15) Benzyl Alcohol	7.028	79	748222	48.757	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1145437	43.905	ng	96
17) 2-Methylphenol	7.139	107	718205	46.911	ng	99
18) Hexachloroethane	7.398	117	342543	45.559	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	605553	44.886	ng	97
20) 3+4-Methylphenols	7.292	107	833863	43.272	ng	96
22) Acetophenone	7.298	105	1064388	40.070	ng	97
24) Nitrobenzene	7.469	77	906582	43.916	ng	96
25) Isophorone	7.710	82	1684903	46.637	ng	99
26) 2-Nitrophenol	7.786	139	503180	60.617	ng	98
27) 2,4-Dimethylphenol	7.822	122	621317	49.198	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1056160	46.700	ng	99
29) 2,4-Dichlorophenol	8.028	162	757087	46.563	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	839156	43.763	ng	98
31) Naphthalene	8.192	128	2470835	42.973	ng	100
32) Benzoic acid	7.939	122	460083m	41.335	ng	
33) 4-Chloroaniline	8.233	127	333996	15.542	ng	99
34) Hexachlorobutadiene	8.304	225	484340	43.189	ng	98
35) Caprolactam	8.616	113	214535m	43.705	ng	
36) 4-Chloro-3-methylphenol	8.722	107	756022	46.700	ng	99
37) 2-Methylnaphthalene	8.880	142	1638510	43.421	ng	100
38) 1-Methylnaphthalene	8.980	142	1512454	40.901	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	756026	43.380	ng	99
41) Hexachlorocyclopentadiene	9.033	237	627266	110.380	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	539485	49.437	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	554499	46.270	ng	98
46) 1,1'-Biphenyl	9.345	154	1855837	42.406	ng	99
47) 2-Chloronaphthalene	9.369	162	1557363	45.028	ng	99
48) 2-Nitroaniline	9.469	65	435531	52.289	ng	86
49) Acenaphthylene	9.786	152	2317715	47.789	ng	99
50) Dimethylphthalate	9.645	163	1824229	49.921	ng	100
51) 2,6-Dinitrotoluene	9.710	165	413788	52.196	ng	# 86
52) Acenaphthene	9.957	154	1500998	45.387	ng	99
53) 3-Nitroaniline	9.875	138	273174	32.256	ng	97
54) 2,4-Dinitrophenol	9.980	184	258363	68.150	ng	92
55) Dibenzofuran	10.127	168	2040876	44.145	ng	100
56) 4-Nitrophenol	10.033	139	506760	75.720	ng	96
57) 2,4-Dinitrotoluene	10.110	165	524572	53.650	ng	94
58) Fluorene	10.474	166	1513524	41.638	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	410660	43.847	ng	99
60) Diethylphthalate	10.345	149	1669491	48.137	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	795321	43.932	ng	100
62) 4-Nitroaniline	10.492	138	337384	39.873	ng	97
63) Azobenzene	10.622	77	1539478	44.307	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	205390	46.531	ng	86
66) n-Nitrosodiphenylamine	10.580	169	1385215	51.954	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	505119	51.472	ng	# 94
68) Hexachlorobenzene	11.016	284	548719	47.913	ng	98
69) Atrazine	11.110	200	411692	54.211	ng	97
70) Pentachlorophenol	11.210	266	496489	74.335	ng	98
71) Phenanthrene	11.433	178	1969490	45.729	ng	99
72) Anthracene	11.486	178	1989359	46.523	ng	99
73) Carbazole	11.639	167	1629211	41.540	ng	99
74) Di-n-butylphthalate	11.969	149	2123006	52.288	ng	99
75) Fluoranthene	12.616	202	1713942	39.026	ng	98
77) Benzidine	12.739	184	470501	75.707	ng	98
78) Pyrene	12.845	202	1743607	37.622	ng	99
80) Butylbenzylphthalate	13.468	149	724920	57.505	ng	98
81) Benzo(a)anthracene	14.033	228	1630512	47.302	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	388816	40.961	ng	99
83) Chrysene	14.074	228	1576995	47.997	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1018380	69.458	ng	97
85) Di-n-octyl phthalate	14.639	149	1882718	86.436	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1470379	37.713	ng	100
88) Benzo(b)fluoranthene	15.086	252	1720354	48.778	ng	100
89) Benzo(k)fluoranthene	15.115	252	1691599	48.940	ng	98
90) Benzo(a)pyrene	15.457	252	1537975	50.759	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	1203227	37.599	ng	99
92) Benzo(g,h,i)perylene	17.439	276	1069758	32.313	ng	99

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

