

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138628.D
 Acq On : 23 Jul 2024 20:08
 Operator : RC/JU
 Sample : P3314-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ206MS

Manual Integrations APPROVED

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

Quant Time: Jul 24 01:16:15 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	6.851	152	92015	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	358973	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	179804	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	240583	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	147737	20.000	ng	-0.01
86) Perylene-d12	15.474	264	124454	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	463874	79.842	ng	0.00
7) Phenol-d6	6.498	99	632271	81.806	ng	0.00
23) Nitrobenzene-d5	7.422	82	406168	55.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	121702	72.422	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	659211	57.300	ng	-0.02
79) Terphenyl-d14	12.951	244	452368	49.883	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	100334	38.992	ng	98
3) Pyridine	3.457	79	267532	42.160	ng	96
4) n-Nitrosodimethylamine	3.428	42	194931	47.189	ng	91
6) Aniline	6.516	93	282227	38.986	ng	# 26
8) 2-Chlorophenol	6.645	128	306460	49.885	ng	100
9) Benzaldehyde	6.404	77	25162	6.082	ng	96
10) Phenol	6.510	94	397775	48.487	ng	87
11) bis(2-Chloroethyl)ether	6.592	93	296366	47.981	ng	98
12) 1,3-Dichlorobenzene	6.792	146	309886	44.875	ng	97
13) 1,4-Dichlorobenzene	6.875	146	315544	44.998	ng	98
14) 1,2-Dichlorobenzene	7.022	146	301346	46.140	ng	97
15) Benzyl Alcohol	6.998	79	288925	49.812	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	525098	43.230	ng	77
17) 2-Methylphenol	7.116	107	241353	47.936	ng	# 92
18) Hexachloroethane	7.363	117	117696	45.655	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	231153	48.402	ng	94
20) 3+4-Methylphenols	7.269	107	303267	47.832	ng	90
22) Acetophenone	7.269	105	388425	44.552	ng	100
24) Nitrobenzene	7.439	77	347225	46.733	ng	98
25) Isophorone	7.681	82	616009	49.061	ng	100
26) 2-Nitrophenol	7.757	139	160160	50.294	ng	96
27) 2,4-Dimethylphenol	7.792	122	204124m	52.153	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	367501	48.975	ng	98
29) 2,4-Dichlorophenol	7.998	162	237468	46.722	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	257848	43.549	ng	97
31) Naphthalene	8.163	128	867354	46.458	ng	100
32) Benzoic acid	7.933	122	139161	37.279	ng	93
33) 4-Chloroaniline	8.210	127	146499	22.364	ng	98
34) Hexachlorobutadiene	8.269	225	155259	42.583	ng	99
35) Caprolactam	8.586	113	71509m	43.601	ng	
36) 4-Chloro-3-methylphenol	8.698	107	268570	47.199	ng	99
37) 2-Methylnaphthalene	8.851	142	540438	44.983	ng	98
38) 1-Methylnaphthalene	8.951	142	499329	42.585	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	223127	44.525	ng	98
41) Hexachlorocyclopentadiene	8.998	237	121774	74.866	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	154390	48.299	ng	98

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44) 2,4,5-Trichlorophenol	9.180	196	154625	43.979	ng	95
46) 1,1'-Biphenyl	9.316	154	626981	46.012	ng	100
47) 2-Chloronaphthalene	9.339	162	491860	47.781	ng	99
48) 2-Nitroaniline	9.439	65	182380	51.127	ng	96
49) Acenaphthylene	9.757	152	751666	51.430	ng	100
50) Dimethylphthalate	9.616	163	586613	50.455	ng	100
51) 2,6-Dinitrotoluene	9.680	165	124841	46.635	ng	89
52) Acenaphthene	9.927	154	466658	48.034	ng	99
53) 3-Nitroaniline	9.851	138	95317	34.740	ng	91
54) 2,4-Dinitrophenol	9.957	184	92812	65.499	ng	95
55) Dibenzofuran	10.098	168	658097	46.702	ng	99
56) 4-Nitrophenol	10.022	139	147118	72.670	ng	99
57) 2,4-Dinitrotoluene	10.086	165	155789	44.979	ng	91
58) Fluorene	10.439	166	500892	44.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	116223	41.886	ng	96
60) Diethylphthalate	10.310	149	549946	49.066	ng	98
61) 4-Chlorophenyl-phenyle...	10.433	204	251964	45.003	ng	96
62) 4-Nitroaniline	10.463	138	106856	38.865	ng	99
63) Azobenzene	10.592	77	570241	47.321	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	71710	51.622	ng	85
66) n-Nitrosodiphenylamine	10.551	169	430520	59.728	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	139752	56.517	ng	99
68) Hexachlorobenzene	10.986	284	141935	51.669	ng	95
69) Atrazine	11.074	200	120993	50.629	ng	97
70) Pentachlorophenol	11.180	266	127431	78.395	ng	97
71) Phenanthrene	11.398	178	646193	53.165	ng	99
72) Anthracene	11.451	178	615322	51.000	ng	100
73) Carbazole	11.610	167	487248	44.938	ng	100
74) Di-n-butylphthalate	11.933	149	679757	54.389	ng	99
75) Fluoranthene	12.586	202	590493	47.611	ng	98
77) Benzidine	12.710	184	148794	39.919	ng	99
78) Pyrene	12.816	202	578047	38.543	ng	99
80) Butylbenzylphthalate	13.427	149	225663	50.020	ng	95
81) Benzo(a)anthracene	14.004	228	547168	55.196	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	129982	50.886	ng	99
83) Chrysene	14.039	228	493860	52.662	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	323139	67.159	ng	99
85) Di-n-octyl phthalate	14.598	149	597798	78.647	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.933	276	307778	36.817	ng	99
88) Benzo(b)fluoranthene	15.051	252	465926	66.477	ng	99
89) Benzo(k)fluoranthene	15.080	252	398281	58.265	ng	99
90) Benzo(a)pyrene	15.409	252	354960	57.651	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	237334	34.707	ng	99
92) Benzo(g,h,i)perylene	17.380	276	233906	32.258	ng	98

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

