

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138250.D
 Acq On : 19 Jun 2024 17:28
 Operator : CG\JU
 Sample : P2930-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024

Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 17:59:01 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	331887	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1235963	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	583708	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	844336	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	543635	20.000	ng	0.00
86) Perylene-d12	15.515	264	502170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1932805	97.420	ng	0.00
7) Phenol-d6	6.522	99	2399638	95.384	ng	0.00
23) Nitrobenzene-d5	7.451	82	1474376	69.446	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	533497	91.809	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2480941	67.586	ng	0.00
79) Terphenyl-d14	12.992	244	2121106	61.796	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	337643	37.188	ng	99
3) Pyridine	3.534	79	852883m	39.524	ng	
4) n-Nitrosodimethylamine	3.469	42	445053	44.564	ng	92
6) Aniline	6.545	93	578714	23.509	ng	98
8) 2-Chlorophenol	6.669	128	982383	45.800	ng	95
9) Benzaldehyde	6.434	77	276097	20.663	ng	100
10) Phenol	6.534	94	1135276m	44.467	ng	
11) bis(2-Chloroethyl)ether	6.622	93	919098	44.980	ng	98
12) 1,3-Dichlorobenzene	6.828	146	1007676	41.338	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1025212	41.792	ng	99
14) 1,2-Dichlorobenzene	7.057	146	978496	42.490	ng	99
15) Benzyl Alcohol	7.028	79	798573	47.078	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1222248	42.383	ng	97
17) 2-Methylphenol	7.139	107	748230	44.213	ng	98
18) Hexachloroethane	7.398	117	360263	43.349	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	640924	42.979	ng	99
20) 3+4-Methylphenols	7.292	107	881105	41.365	ng	95
22) Acetophenone	7.298	105	1114494	39.473	ng	96
24) Nitrobenzene	7.469	77	961101	43.801	ng	97
25) Isophorone	7.710	82	1740900	45.334	ng	100
26) 2-Nitrophenol	7.786	139	512269	58.058	ng	100
27) 2,4-Dimethylphenol	7.822	122	652484	48.607	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1092775	45.459	ng	100
29) 2,4-Dichlorophenol	8.028	162	762503	44.120	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	863371	42.360	ng	99
31) Naphthalene	8.192	128	2562313	41.926	ng	100
32) Benzoic acid	7.945	122	554932	46.904	ng	98
33) 4-Chloroaniline	8.233	127	164020	7.181	ng	99
34) Hexachlorobutadiene	8.304	225	499576	41.910	ng	99
35) Caprolactam	8.616	113	225608m	43.240	ng	
36) 4-Chloro-3-methylphenol	8.722	107	749628	43.564	ng	97
37) 2-Methylnaphthalene	8.880	142	1651807	41.182	ng	99
38) 1-Methylnaphthalene	8.980	142	1529492	38.913	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	742283	43.518	ng	99
41) Hexachlorocyclopentadiene	9.033	237	510331	91.757	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	526510	49.298	ng	98

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44) 2,4,5-Trichlorophenol	9.198	196	535706	45.674	ng	98
46) 1,1'-Biphenyl	9.345	154	1836089	42.868	ng	99
47) 2-Chloronaphthalene	9.369	162	1502615	44.390	ng	99
48) 2-Nitroaniline	9.463	65	419344	51.440	ng	100
49) Acenaphthylene	9.786	152	2196117	46.267	ng	100
50) Dimethylphthalate	9.645	163	1800361	50.340	ng	100
51) 2,6-Dinitrotoluene	9.710	165	390865	50.377	ng	# 82
52) Acenaphthene	9.957	154	1462883	45.196	ng	100
53) 3-Nitroaniline	9.875	138	263279	31.764	ng	94
54) 2,4-Dinitrophenol	9.980	184	270862	71.660	ng	# 88
55) Dibenzofuran	10.127	168	1945249	42.991	ng	100
56) 4-Nitrophenol	10.039	139	496507	75.802	ng	91
57) 2,4-Dinitrotoluene	10.110	165	470841	49.202	ng	98
58) Fluorene	10.474	166	1427126	40.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	393383	42.916	ng	98
60) Diethylphthalate	10.345	149	1637852	48.252	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	749615	42.308	ng	99
62) 4-Nitroaniline	10.486	138	319750	38.611	ng	99
63) Azobenzene	10.622	77	1434897	42.195	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	199222	46.550	ng	78
66) n-Nitrosodiphenylamine	10.580	169	1271661	49.195	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	454389	47.759	ng	# 90
68) Hexachlorobenzene	11.016	284	487983	43.950	ng	97
69) Atrazine	11.110	200	376742	51.169	ng	97
70) Pentachlorophenol	11.210	266	537134	82.950	ng	98
71) Phenanthrene	11.433	178	2355701	56.417	ng	100
72) Anthracene	11.486	178	2047868	49.397	ng	99
73) Carbazole	11.639	167	1667451	43.853	ng	99
74) Di-n-butylphthalate	11.969	149	2054194	52.184	ng	99
75) Fluoranthene	12.621	202	2542204	59.706	ng	99
77) Benzidine	12.739	184	636836	101.277	ng	98
78) Pyrene	12.851	202	2543055	54.233	ng	99
80) Butylbenzylphthalate	13.468	149	834696	65.441	ng	97
81) Benzo(a)anthracene	14.033	228	1966036	56.371	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	384739	40.059	ng	100
83) Chrysene	14.074	228	1856640	55.849	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1125713	75.883	ng	99
85) Di-n-octyl phthalate	14.639	149	1882109	85.400	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1497962	45.758	ng	99
88) Benzo(b)fluoranthene	15.086	252	1662581	56.142	ng	98
89) Benzo(k)fluoranthene	15.115	252	1540668	53.086	ng	99
90) Benzo(a)pyrene	15.457	252	1461331	57.440	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	1166109	43.397	ng	99
92) Benzo(g,h,i)perylene	17.445	276	1122172	40.369	ng	100

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

