

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137082.D
 Acq On : 16 Jan 2024 16:36
 Operator : CG\JU
 Sample : IDOC-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 16 17:07:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	51980	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	204327	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	104372	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	186778	20.000	ng	0.00
76) Chrysene-d12	13.974	240	96138	20.000	ng	0.00
86) Perylene-d12	15.462	264	97465	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	413581	124.145	ng	0.01
7) Phenol-d6	6.440	99	511508	118.494	ng	0.00
23) Nitrobenzene-d5	7.351	82	307832	77.093	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	141471	115.091	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	634671	81.787	ng	-0.01
79) Terphenyl-d14	12.910	244	594462	86.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	46890	33.781	ng	96
3) Pyridine	3.381	79	106442	31.429	ng	97
4) n-Nitrosodimethylamine	3.346	42	66594	36.821	ng	98
6) Aniline	6.451	93	104451	24.201	ng	# 1
8) 2-Chlorophenol	6.581	128	156340	42.883	ng	91
9) Benzaldehyde	6.340	77	60479	24.631	ng	96
10) Phenol	6.451	94	182213	39.541	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	144957	41.364	ng	100
12) 1,3-Dichlorobenzene	6.728	146	156497	39.350	ng	96
13) 1,4-Dichlorobenzene	6.804	146	162401	39.964	ng	97
14) 1,2-Dichlorobenzene	6.951	146	155764	41.193	ng	99
15) Benzyl Alcohol	6.934	79	121197	41.616	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	226392	39.513	ng	58
17) 2-Methylphenol	7.051	107	122629	40.603	ng	93
18) Hexachloroethane	7.287	117	57457	38.933	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	105300	40.240	ng	97
20) 3+4-Methylphenols	7.204	107	158322	41.960	ng	# 63
22) Acetophenone	7.192	105	216395	42.253	ng	# 88
24) Nitrobenzene	7.369	77	153774	38.444	ng	96
25) Isophorone	7.604	82	283806	39.061	ng	98
26) 2-Nitrophenol	7.686	139	83189	43.469	ng	91
27) 2,4-Dimethylphenol	7.728	122	119329	51.217	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	179734	40.696	ng	99
29) 2,4-Dichlorophenol	7.934	162	124390	41.470	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	134898	40.364	ng	99
31) Naphthalene	8.086	128	449331	40.029	ng	99
32) Benzoic acid	7.869	122	85155	37.774	ng	95
33) 4-Chloroaniline	8.139	127	75690	18.263	ng	95
34) Hexachlorobutadiene	8.192	225	79600	39.202	ng	98
35) Caprolactam	8.516	113	40716m	41.147	ng	
36) 4-Chloro-3-methylphenol	8.633	107	134692	39.887	ng	97
37) 2-Methylnaphthalene	8.775	142	286688	39.684	ng	99
38) 1-Methylnaphthalene	8.875	142	273503	38.589	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	140792	43.557	ng	99
41) Hexachlorocyclopentadiene	8.922	237	68287	67.100	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	83194	40.133	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	89727	38.842	ng	98
46) 1,1'-Biphenyl	9.239	154	365765	41.762	ng	98
47) 2-Chloronaphthalene	9.269	162	272046	40.858	ng	97
48) 2-Nitroaniline	9.375	65	84025	40.299	ng	90
49) Acenaphthylene	9.680	152	451002	44.315	ng	99
50) Dimethylphthalate	9.545	163	312422	40.981	ng	100
51) 2,6-Dinitrotoluene	9.616	165	69246	40.022	ng	98
52) Acenaphthene	9.857	154	258135	40.918	ng	99
53) 3-Nitroaniline	9.786	138	53827	29.369	ng	92
54) 2,4-Dinitrophenol	9.904	184	59578	62.966	ng	# 82
55) Dibenzofuran	10.028	168	391688	40.959	ng	100
56) 4-Nitrophenol	9.975	139	61590	49.780	ng	94
57) 2,4-Dinitrotoluene	10.028	165	86489	38.506	ng	96
58) Fluorene	10.375	166	317061	41.785	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	73621	41.402	ng	96
60) Diethylphthalate	10.245	149	309443	39.121	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	152501	41.348	ng	96
62) 4-Nitroaniline	10.404	138	59363	33.598	ng	97
63) Azobenzene	10.527	77	291059	39.397	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	41019	38.320	ng	90
66) n-Nitrosodiphenylamine	10.486	169	271596	44.763	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	89838	43.310	ng	94
68) Hexachlorobenzene	10.922	284	101308	43.825	ng	96
69) Atrazine	11.016	200	59089	38.076	ng	99
70) Pentachlorophenol	11.127	266	64764	60.107	ng	97
71) Phenanthrene	11.339	178	421360	43.966	ng	99
72) Anthracene	11.392	178	427581	44.054	ng	99
73) Carbazole	11.551	167	365551	39.948	ng	99
74) Di-n-butylphthalate	11.880	149	471623	42.237	ng	98
75) Fluoranthene	12.539	202	414086	40.394	ng	99
77) Benzidine	12.663	184	92079	32.483	ng	98
78) Pyrene	12.769	202	398210	42.194	ng	99
80) Butylbenzylphthalate	13.386	149	149290	43.473	ng	99
81) Benzo(a)anthracene	13.963	228	293165	43.915	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	82865	43.709	ng	98
83) Chrysene	14.004	228	274194	42.002	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	207396	48.001	ng	97
85) Di-n-octyl phthalate	14.563	149	330273	49.417	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	351476	49.946	ng	99
88) Benzo(b)fluoranthene	15.027	252	264231	40.590	ng	99
89) Benzo(k)fluoranthene	15.057	252	258702	42.058	ng	99
90) Benzo(a)pyrene	15.404	252	240717	43.807	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	299732	51.917	ng	99
92) Benzo(g,h,i)perylene	17.456	276	294745	49.847	ng	98

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

