

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139812.D
 Acq On : 15 Oct 2024 15:10
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:29:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:37:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92189	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	323448	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	161672	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	226787	20.000	ng	0.00
76) Chrysene-d12	14.016	240	141650	20.000	ng	0.00
86) Perylene-d12	15.480	264	189795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	797999	146.053	ng	0.00
7) Phenol-d6	6.498	99	1040451	143.188	ng	0.00
23) Nitrobenzene-d5	7.428	82	955106	151.986	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	190384	139.627	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1550736	143.464	ng	0.00
79) Terphenyl-d14	12.957	244	932359	160.602	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	181443	76.319	ng	99
3) Pyridine	3.357	79	440577	75.727	ng	98
4) n-Nitrosodimethylamine	3.328	42	265164	76.744	ng	98
6) Aniline	6.528	93	428572	68.453	ng	# 84
8) 2-Chlorophenol	6.645	128	413662	71.710	ng	95
9) Benzaldehyde	6.410	77	256118	62.752	ng	98
10) Phenol	6.516	94	542601	71.138	ng	90
11) bis(2-Chloroethyl)ether	6.598	93	418479	73.571	ng	100
12) 1,3-Dichlorobenzene	6.798	146	465937	71.437	ng	99
13) 1,4-Dichlorobenzene	6.875	146	471967	72.136	ng	99
14) 1,2-Dichlorobenzene	7.028	146	432076	71.176	ng	99
15) Benzyl Alcohol	7.004	79	372190	71.166	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	709065	71.134	ng	98
17) 2-Methylphenol	7.116	107	342221	73.334	ng	97
18) Hexachloroethane	7.369	117	174184	73.483	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	295170	69.756	ng	99
20) 3+4-Methylphenols	7.275	107	404150	68.874	ng	98
22) Acetophenone	7.269	105	560333	73.818	ng	# 97
24) Nitrobenzene	7.445	77	500134	76.343	ng	99
25) Isophorone	7.687	82	805150	75.076	ng	99
26) 2-Nitrophenol	7.757	139	227193	79.650	ng	97
27) 2,4-Dimethylphenol	7.792	122	260076	75.036	ng	99
28) bis(2-Chloroethoxy)met...	7.887	93	488420	74.209	ng	100
29) 2,4-Dichlorophenol	8.004	162	334367	74.385	ng	100
30) 1,2,4-Trichlorobenzene	8.081	180	378761	74.007	ng	99
31) Naphthalene	8.163	128	1213104	72.773	ng	100
32) Benzoic acid	7.945	122	273917	85.594	ng	98
33) 4-Chloroaniline	8.216	127	391741	71.660	ng	99
34) Hexachlorobutadiene	8.275	225	240123	73.939	ng	100
35) Caprolactam	8.598	113	90554	71.352	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	347413	72.777	ng	100
37) 2-Methylnaphthalene	8.851	142	748767	71.645	ng	100
38) 1-Methylnaphthalene	8.951	142	731671	71.912	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	355935	75.800	ng	99
41) Hexachlorocyclopentadiene	8.998	237	92628	79.983	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	229642	76.927	ng	100

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44) 2,4,5-Trichlorophenol	9.175	196	244427	76.413	ng	98
46) 1,1'-Biphenyl	9.316	154	909379	74.394	ng	99
47) 2-Chloronaphthalene	9.339	162	699224	74.867	ng	99
48) 2-Nitroaniline	9.439	65	232161	76.139	ng	98
49) Acenaphthylene	9.757	152	1003672	73.174	ng	100
50) Dimethylphthalate	9.616	163	708690	71.613	ng	100
51) 2,6-Dinitrotoluene	9.681	165	166955	73.941	ng	97
52) Acenaphthene	9.928	154	634168m	73.008	ng	
53) 3-Nitroaniline	9.851	138	160770	71.414	ng	97
54) 2,4-Dinitrophenol	9.957	184	77948	84.947	ng	98
55) Dibenzofuran	10.098	168	927450	71.182	ng	99
56) 4-Nitrophenol	10.016	139	101259	74.715	ng	100
57) 2,4-Dinitrotoluene	10.086	165	194981	69.944	ng	97
58) Fluorene	10.439	166	695200	68.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	167257	70.316	ng	98
60) Diethylphthalate	10.310	149	659499	68.500	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	345815	69.017	ng	98
62) 4-Nitroaniline	10.463	138	141689	68.814	ng	100
63) Azobenzene	10.592	77	702162	69.956	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	100983	84.874	ng	94
66) n-Nitrosodiphenylamine	10.551	169	563584	78.563	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	194566	79.631	ng	99
68) Hexachlorobenzene	10.986	284	209984	76.827	ng	96
69) Atrazine	11.075	200	64548	48.198	ng	99
70) Pentachlorophenol	11.180	266	101841	87.127	ng	99
71) Phenanthrene	11.404	178	801610	73.998	ng	99
72) Anthracene	11.451	178	782580	73.519	ng	99
73) Carbazole	11.610	167	683948	72.624	ng	99
74) Di-n-butylphthalate	11.933	149	736777	71.998	ng	99
75) Fluoranthene	12.586	202	736925	72.099	ng	100
77) Benzidine	12.710	184	168385	71.162	ng	98
80) Butylbenzylphthalate	13.433	149	283073	74.985	ng	99
81) Benzo(a)anthracene	14.004	228	722429	76.783	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	256286	81.752	ng	99
83) Chrysene	14.045	228	640469	74.685	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	394839	81.085	ng	99
85) Di-n-octyl phthalate	14.604	149	783691	86.507	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	938797	73.867	ng	100
88) Benzo(b)fluoranthene	15.057	252	878955	80.737	ng	99
89) Benzo(k)fluoranthene	15.086	252	690345	71.454	ng	99
90) Benzo(a)pyrene	15.427	252	730929	76.867	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	764455	73.347	ng	100
92) Benzo(g,h,i)perylene	17.415	276	808921	73.999	ng	100

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

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