

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136971.D
 Acq On : 05 Jan 2024 12:44
 Operator : CG\JU
 Sample : P1005-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 05 13:35:39 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	62110	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	243405	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	118472	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	217580	20.000	ng	0.00
76) Chrysene-d12	13.974	240	126089	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	141515	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	361092	90.711	ng	0.01
7) Phenol-d6	6.439	99	456745	88.551	ng	0.00
23) Nitrobenzene-d5	7.351	82	288726	60.699	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	129808	93.034	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	574547	65.227	ng	-0.01
79) Terphenyl-d14	12.904	244	540483	59.903	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	67685	40.809	ng	97
3) Pyridine	3.375	79	158797	39.240	ng	94
4) n-Nitrosodimethylamine	3.346	42	85843	39.723	ng	94
6) Aniline	6.451	93	93545	18.139	ng	# 1
8) 2-Chlorophenol	6.575	128	189945	43.603	ng	97
9) Benzaldehyde	6.339	77	33282	11.344	ng	99
10) Phenol	6.451	94	224381	40.751	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	174103	41.578	ng	98
12) 1,3-Dichlorobenzene	6.728	146	198079	41.682	ng	95
13) 1,4-Dichlorobenzene	6.804	146	203284	41.866	ng	97
14) 1,2-Dichlorobenzene	6.951	146	188556	41.732	ng	99
15) Benzyl Alcohol	6.934	79	149516	42.967	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	272305	39.775	ng	57
17) 2-Methylphenol	7.051	107	146402	40.568	ng	94
18) Hexachloroethane	7.286	117	71752	40.689	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	130065	41.598	ng	100
20) 3+4-Methylphenols	7.204	107	191812	42.544	ng	# 60
22) Acetophenone	7.192	105	265994	43.599	ng	# 88
24) Nitrobenzene	7.369	77	187642	39.380	ng	95
25) Isophorone	7.604	82	349324	40.360	ng	99
26) 2-Nitrophenol	7.681	139	98749	43.315	ng	95
27) 2,4-Dimethylphenol	7.728	122	141471	50.972	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	215023	40.870	ng	99
29) 2,4-Dichlorophenol	7.928	162	150523	42.126	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	165875	41.664	ng	99
31) Naphthalene	8.086	128	547588	40.950	ng	99
32) Benzoic acid	7.869	122	107877	40.171	ng	96
33) 4-Chloroaniline	8.139	127	25844	5.235	ng	94
34) Hexachlorobutadiene	8.192	225	97282	40.218	ng	98
35) Caprolactam	8.516	113	49338m	41.855	ng	
36) 4-Chloro-3-methylphenol	8.639	107	159263	39.592	ng	96
37) 2-Methylnaphthalene	8.775	142	347444	40.373	ng	99
38) 1-Methylnaphthalene	8.875	142	333125	39.456	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	171160	46.650	ng	99
41) Hexachlorocyclopentadiene	8.922	237	108232	91.752	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	103761	44.097	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	110356	42.087	ng	97
46) 1,1'-Biphenyl	9.239	154	451148	45.380	ng	98
47) 2-Chloronaphthalene	9.269	162	327407	43.321	ng	96
48) 2-Nitroaniline	9.369	65	99887	42.205	ng	99
49) Acenaphthylene	9.680	152	538562	46.621	ng	99
50) Dimethylphthalate	9.545	163	370476	42.812	ng	100
51) 2,6-Dinitrotoluene	9.616	165	82378	41.946	ng	100
52) Acenaphthene	9.857	154	301676	42.129	ng	100
53) 3-Nitroaniline	9.786	138	37010	17.790	ng	90
54) 2,4-Dinitrophenol	9.904	184	75772	70.100	ng	96
55) Dibenzofuran	10.027	168	464771	42.817	ng	100
56) 4-Nitrophenol	9.969	139	91963	65.482	ng	95
57) 2,4-Dinitrotoluene	10.022	165	101739	39.905	ng	94
58) Fluorene	10.374	166	369732	42.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	87252	43.228	ng	96
60) Diethylphthalate	10.245	149	368976	41.095	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	175318	41.878	ng	98
62) 4-Nitroaniline	10.404	138	77416	38.601	ng	93
63) Azobenzene	10.527	77	344020	41.023	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	50429	40.442	ng	99
66) n-Nitrosodiphenylamine	10.486	169	319359	45.184	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	107167	44.350	ng	93
68) Hexachlorobenzene	10.922	284	117217	43.529	ng	100
69) Atrazine	11.022	200	99868	55.243	ng	99
70) Pentachlorophenol	11.127	266	88407	70.434	ng	97
71) Phenanthrene	11.339	178	520602	46.631	ng	100
72) Anthracene	11.392	178	524436	46.384	ng	99
73) Carbazole	11.551	167	453538	42.547	ng	99
74) Di-n-butylphthalate	11.880	149	573808	44.113	ng	99
75) Fluoranthene	12.533	202	529491	44.339	ng	97
77) Benzidine	12.663	184	138568	37.271	ng	99
78) Pyrene	12.763	202	522521	42.215	ng	100
80) Butylbenzylphthalate	13.386	149	201262	44.686	ng	97
81) Benzo(a)anthracene	13.963	228	398350	45.497	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	64742	26.038	ng	99
83) Chrysene	13.998	228	367473	42.919	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	279104	49.253	ng	99
85) Di-n-octyl phthalate	14.562	149	439650	50.156	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	478000	46.782	ng	99
88) Benzo(b)fluoranthene	15.021	252	401893	42.520	ng	98
89) Benzo(k)fluoranthene	15.051	252	333299	37.319	ng	98
90) Benzo(a)pyrene	15.398	252	346024	43.370	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	386683	46.130	ng	97
92) Benzo(g,h,i)perylene	17.439	276	395440	46.059	ng	99

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

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