

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136841.D
 Acq On : 29 Dec 2023 21:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 30 01:04:58 2023
 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	6.781	152	72384	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	285202	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	140385	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	252218	20.000	ng	0.00
76) Chrysene-d12	13.968	240	128595	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	144763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	382127	82.370	ng	0.00
7) Phenol-d6	6.434	99	491377	81.743	ng	0.00
23) Nitrobenzene-d5	7.351	82	437687	78.530	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	130369	78.852	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	857318	82.137	ng	-0.01
79) Terphenyl-d14	12.904	244	774917	84.212	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	80434	41.612	ng	95
3) Pyridine	3.287	79	188479	39.964	ng	98
4) n-Nitrosodimethylamine	3.263	42	97422	38.682	ng	96
6) Aniline	6.451	93	229008	38.104	ng	# 57
8) 2-Chlorophenol	6.575	128	207513	40.875	ng	94
9) Benzaldehyde	6.339	77	123482	36.115	ng	97
10) Phenol	6.445	94	256942	40.041	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	196109	40.186	ng	96
12) 1,3-Dichlorobenzene	6.722	146	226093	40.824	ng	100
13) 1,4-Dichlorobenzene	6.798	146	231580	40.924	ng	99
14) 1,2-Dichlorobenzene	6.951	146	213455	40.537	ng	98
15) Benzyl Alcohol	6.934	79	156498	38.590	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	307264	38.511	ng	98
17) 2-Methylphenol	7.045	107	165402	39.327	ng	98
18) Hexachloroethane	7.286	117	84177	40.960	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	141754	38.901	ng	97
20) 3+4-Methylphenols	7.198	107	207085	39.412	ng	# 87
22) Acetophenone	7.192	105	284026	39.732	ng	# 92
24) Nitrobenzene	7.369	77	219959	39.397	ng	95
25) Isophorone	7.604	82	393506	38.801	ng	99
26) 2-Nitrophenol	7.681	139	111320	41.674	ng	96
27) 2,4-Dimethylphenol	7.722	122	129946	39.958	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	239234	38.808	ng	98
29) 2,4-Dichlorophenol	7.928	162	167934	40.110	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	190464	40.830	ng	99
31) Naphthalene	8.086	128	626829	40.006	ng	99
32) Benzoic acid	7.857	122	113771m	36.157	ng	
33) 4-Chloroaniline	8.139	127	221645	38.314	ng	97
34) Hexachlorobutadiene	8.198	225	115044	40.591	ng	99
35) Caprolactam	8.516	113	61152	44.275	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	181269	38.458	ng	99
37) 2-Methylnaphthalene	8.775	142	397841	39.454	ng	98
38) 1-Methylnaphthalene	8.875	142	385546	38.972	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	182803	42.046	ng	99
41) Hexachlorocyclopentadiene	8.922	237	69695	52.097	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	117862	42.271	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	125882	40.514	ng	97
46) 1,1'-Biphenyl	9.239	154	490235	41.614	ng	98
47) 2-Chloronaphthalene	9.263	162	371475	41.479	ng	100
48) 2-Nitroaniline	9.369	65	112366	40.067	ng	93
49) Acenaphthylene	9.680	152	557948	40.760	ng	99
50) Dimethylphthalate	9.545	163	414933	40.465	ng	99
51) 2,6-Dinitrotoluene	9.610	165	94566	40.636	ng	# 88
52) Acenaphthene	9.851	154	348688	41.093	ng	98
53) 3-Nitroaniline	9.780	138	94906	38.498	ng	98
54) 2,4-Dinitrophenol	9.892	184	62936	50.253	ng	91
55) Dibenzofuran	10.027	168	511672	39.780	ng	97
56) 4-Nitrophenol	9.957	139	76071	45.711	ng	97
57) 2,4-Dinitrotoluene	10.016	165	121057	40.070	ng	# 98
58) Fluorene	10.369	166	412053	40.374	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	93355	39.032	ng	99
60) Diethylphthalate	10.245	149	416521	39.150	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	197090	39.730	ng	96
62) 4-Nitroaniline	10.398	138	83049m	34.946	ng	
63) Azobenzene	10.522	77	387680	39.013	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	62583	43.296	ng	93
66) n-Nitrosodiphenylamine	10.486	169	352270	42.995	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	118993	42.481	ng	99
68) Hexachlorobenzene	10.916	284	132656	42.497	ng	# 92
69) Atrazine	11.016	200	87872	41.932	ng	98
70) Pentachlorophenol	11.116	266	65678	45.140	ng	97
71) Phenanthrene	11.333	178	539857	41.715	ng	99
72) Anthracene	11.386	178	540780	41.261	ng	99
73) Carbazole	11.545	167	492198	39.832	ng	100
74) Di-n-butylphthalate	11.874	149	623422	41.346	ng	100
75) Fluoranthene	12.527	202	534507	38.612	ng	98
77) Benzidine	12.657	184	87132	22.980	ng	98
78) Pyrene	12.757	202	524000	41.509	ng	99
80) Butylbenzylphthalate	13.380	149	198354	43.182	ng	95
81) Benzo(a)anthracene	13.957	228	374367	41.925	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	109954	43.359	ng	98
83) Chrysene	13.992	228	355970	40.766	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	270267	46.764	ng	98
85) Di-n-octyl phthalate	14.562	149	423472	47.369	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	466553	44.637	ng	100
88) Benzo(b)fluoranthene	15.009	252	371306	38.402	ng	99
89) Benzo(k)fluoranthene	15.039	252	338999	37.105	ng	99
90) Benzo(a)pyrene	15.386	252	327859	40.171	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	381112	44.445	ng	97
92) Benzo(g,h,i)perylene	17.415	276	395332	45.014	ng	100

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

