Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131451.D
Acq On : 29 Nov 2022 09:39
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 01:03:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	137961	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	484155	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	261442	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	475624	20.000	ng		0.00
76) Chrysene-d12	14.162	240	336627	20.000	ng		0.00
86) Perylene-d12	15.692	264	269838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	616661	85.070	ng		0.00
7) Phenol-d6	6.569	99	774439	83.735	ng		0.00
23) Nitrobenzene-d5	7.516	82	717685	74.723	ng		-0.01
42) 2,4,6-Tribromophenol	10.798	330	201549	91.633	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1252312	69.686	ng		0.00
79) Terphenyl-d14	13.098	244	1385016	67.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	150761	43.625	ng	#	89
3) Pyridine	3.522	79	422274	44.006	ng		86
4) n-Nitrosodimethylamine	3.493	42	197210	34.850	ng	#	74
6) Aniline	6.610	93	487144m	40.190	ng		
8) 2-Chlorophenol	6.733	128	340684	41.484	ng		95
9) Benzaldehyde	6.498	77	234848	41.745	ng		94
10) Phenol	6.586	94	442886	43.190	ng		85
11) bis(2-Chloroethyl)ether	6.681	93	331621	38.599	ng		99
12) 1,3-Dichlorobenzene	6.892	146	371937	38.001	ng		96
13) 1,4-Dichlorobenzene	6.969	146	377709	37.979	ng		98
14) 1,2-Dichlorobenzene	7.122	146	343330	37.493	ng		96
15) Benzyl Alcohol	7.086	79	296737	39.130	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.222	45	535330	32.581	ng		95
17) 2-Methylphenol	7.198	107	299581	42.801	ng		94
18) Hexachloroethane	7.463	117	135719	38.148	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	233051	34.421	ng		90
20) 3+4-Methylphenols	7.351	107	363094	40.628	ng		97
22) Acetophenone	7.363	105	445853	36.178	ng	#	92
24) Nitrobenzene	7.539	77	382254	38.199	ng		93
25) Isophorone	7.775	82	617238	36.021	ng		96
26) 2-Nitrophenol	7.851	139	175605	52.718	ng	#	85
27) 2,4-Dimethylphenol	7.880	122	274097	41.262	ng		95
28) bis(2-Chloroethoxy)met...	7.986	93	354374	36.411	ng		98
29) 2,4-Dichlorophenol	8.092	162	292910	40.650	ng		97
30) 1,2,4-Trichlorobenzene	8.180	180	322185	36.094	ng		99
31) Naphthalene	8.263	128	970860	37.630	ng		99
32) Benzoic acid	7.992	122	209208m	49.758	ng		
33) 4-Chloroaniline	8.310	127	398397	39.141	ng		95
34) Hexachlorobutadiene	8.375	225	190655	32.985	ng		99
35) Caprolactam	8.686	113	91311	48.224	ng	#	80
36) 4-Chloro-3-methylphenol	8.786	107	297811	39.782	ng		97
37) 2-Methylnaphthalene	8.957	142	633914	36.262	ng		98
38) 1-Methylnaphthalene	9.057	142	610452	36.011	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	306998	36.185	ng		99
41) Hexachlorocyclopentadiene	9.104	237	153918	40.356	ng		96
43) 2,4,6-Trichlorophenol	9.233	196	211936	44.035	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	236916	43.775	ng		99
46) 1,1'-Biphenyl	9.422	154	747859	37.484	ng		98
47) 2-Chloronaphthalene	9.451	162	610242	38.129	ng		98
48) 2-Nitroaniline	9.545	65	215813	44.411	ng		94
49) Acenaphthylene	9.869	152	937995	38.446	ng		99
50) Dimethylphthalate	9.722	163	679838	37.322	ng		99
51) 2,6-Dinitrotoluene	9.786	165	158116	43.404	ng	#	81
52) Acenaphthene	10.039	154	604060	39.540	ng		100
53) 3-Nitroaniline	9.957	138	176887	47.255	ng		97
54) 2,4-Dinitrophenol	10.063	184	84259	58.158	ng	#	71
55) Dibenzofuran	10.216	168	831345	37.824	ng		94
56) 4-Nitrophenol	10.110	139	140441	54.060	ng		83
57) 2,4-Dinitrotoluene	10.192	165	212822	46.432	ng	#	85
58) Fluorene	10.557	166	646842	37.709	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.327	232	197731	43.870	ng		94
60) Diethylphthalate	10.421	149	629298	36.588	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	312880	35.581	ng		99
62) 4-Nitroaniline	10.574	138	178091	47.805	ng		85
63) Azobenzene	10.710	77	660140	35.695	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	116492	54.662	ng		87
66) n-Nitrosodiphenylamine	10.669	169	565865	37.337	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	205932	35.326	ng		97
68) Hexachlorobenzene	11.104	284	223092	36.058	ng		93
69) Atrazine	11.192	200	180763	38.738	ng		98
70) Pentachlorophenol	11.298	266	131482	39.221	ng		99
71) Phenanthrene	11.527	178	970280	37.748	ng		100
72) Anthracene	11.580	178	951009	37.647	ng		100
73) Carbazole	11.733	167	881318	40.900	ng		99
74) Di-n-butylphthalate	12.057	149	952139	37.498	ng		99
75) Fluoranthene	12.721	202	1081994	39.947	ng		98
77) Benzidine	12.845	184	231449	37.223	ng		95
78) Pyrene	12.957	202	1081817	36.425	ng		99
80) Butylbenzylphthalate	13.574	149	385981	39.438	ng		90
81) Benzo(a)anthracene	14.151	228	884224	38.321	ng		99
82) 3,3'-Dichlorobenzidine	14.109	252	269531	44.020	ng		98
83) Chrysene	14.186	228	838778	37.052	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	440724	34.390	ng		98
85) Di-n-octyl phthalate	14.756	149	606989	35.284	ng		95
87) Indeno(1,2,3-cd)pyrene	17.262	276	729695	40.262	ng		97
88) Benzo(b)fluoranthene	15.239	252	668183	37.275	ng		98
89) Benzo(k)fluoranthene	15.268	252	671539	36.454	ng		98
90) Benzo(a)pyrene	15.627	252	556062	37.805	ng	#	98
91) Dibenzo(a,h)anthracene	17.286	278	599950	40.096	ng		98
92) Benzo(g,h,i)perylene	17.745	276	612407	41.008	ng		97

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

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