Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031022\
Data File : BF127287.D
Acq On : 10 Mar 2022 13:06
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 10 15:42:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 14:28:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	83127	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	283322	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	168018	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	300022	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	226818	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	166124	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	398410	70.984	ng		0.00
7) Phenol-d6	6.504	99	563326	74.740	ng		0.00
23) Nitrobenzene-d5	7.440	82	549307	77.552	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	146447	78.358	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	922280	73.494	ng		0.00
79) Terphenyl-d14	12.992	244	1030356	74.954	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	101919	36.155	ng	#	81
3) Pyridine	3.405	79	288418	39.036	ng	#	76
4) n-Nitrosodimethylamine	3.381	42	162938	39.911	ng	#	63
6) Aniline	6.540	93	347468	38.879	ng		95
8) 2-Chlorophenol	6.657	128	214900	37.996	ng		92
9) Benzaldehyde	6.428	77	151628	34.918	ng		97
10) Phenol	6.522	94	315120	37.958	ng		82
11) bis(2-Chloroethyl)ether	6.610	93	239041	39.363	ng		90
12) 1,3-Dichlorobenzene	6.810	146	238914	37.689	ng		97
13) 1,4-Dichlorobenzene	6.887	146	242588	38.193	ng		100
14) 1,2-Dichlorobenzene	7.040	146	227445	37.573	ng		97
15) Benzyl Alcohol	7.016	79	221912	39.593	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.145	45	447740	38.766	ng		98
17) 2-Methylphenol	7.128	107	182060	38.035	ng	#	92
18) Hexachloroethane	7.381	117	91584	37.764	ng	#	77
19) n-Nitroso-di-n-propyla...	7.287	70	183179	39.037	ng	#	89
20) 3+4-Methylphenols	7.281	107	231438	37.750	ng	#	84
22) Acetophenone	7.287	105	310135	39.038	ng	#	92
24) Nitrobenzene	7.457	77	263666	39.443	ng		92
25) Isophorone	7.692	82	438316	38.877	ng	#	96
26) 2-Nitrophenol	7.775	139	106744	39.002	ng	#	78
27) 2,4-Dimethylphenol	7.804	122	161153	38.951	ng		92
28) bis(2-Chloroethoxy)met...	7.904	93	287157	39.964	ng		99
29) 2,4-Dichlorophenol	8.016	162	189680	39.795	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	211838	39.015	ng		99
31) Naphthalene	8.175	128	592551	37.639	ng		99
32) Benzoic acid	7.940	122	102683	47.614	ng		86
33) 4-Chloroaniline	8.228	127	231388	37.768	ng	#	91
34) Hexachlorobutadiene	8.287	225	143497	39.528	ng		98
35) Caprolactam	8.610	113	59575	42.720	ng	#	78
36) 4-Chloro-3-methylphenol	8.710	107	206007	40.063	ng		98
37) 2-Methylnaphthalene	8.869	142	395050	38.657	ng		98
38) 1-Methylnaphthalene	8.969	142	387799	39.543	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	211408	38.153	ng	#	94
41) Hexachlorocyclopentadiene	9.016	237	84489	56.293	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	138161	40.334	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143962	39.434	ng	#	86
46) 1,1'-Biphenyl	9.334	154	494824	37.280	ng		98
47) 2-Chloronaphthalene	9.363	162	382295	37.274	ng		99
48) 2-Nitroaniline	9.463	65	153944	39.576	ng		96
49) Acenaphthylene	9.775	152	611141	38.519	ng		99
50) Dimethylphthalate	9.634	163	468347	37.674	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	98979	39.589	ng		94
52) Acenaphthene	9.951	154	354237	37.460	ng		95
53) 3-Nitroaniline	9.875	138	106005	38.801	ng		92
54) 2,4-Dinitrophenol	9.981	184	52894	52.639	ng		93
55) Dibenzofuran	10.122	168	555411	37.650	ng		99
56) 4-Nitrophenol	10.039	139	70778	44.390	ng	#	75
57) 2,4-Dinitrotoluene	10.110	165	132101	39.994	ng	#	90
58) Fluorene	10.463	166	433127	37.657	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	120971	40.575	ng	#	79
60) Diethylphthalate	10.334	149	432064	37.794	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	238064	38.676	ng		92
62) 4-Nitroaniline	10.492	138	107693	39.546	ng	#	74
63) Azobenzene	10.616	77	523325	39.559	ng		88
65) 4,6-Dinitro-2-methylph...	10.522	198	82357	45.166	ng		91
66) n-Nitrosodiphenylamine	10.575	169	368857	37.596	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	148638	39.243	ng		94
68) Hexachlorobenzene	11.010	284	163788	39.729	ng	#	90
69) Atrazine	11.104	200	136069	39.930	ng		94
70) Pentachlorophenol	11.210	266	70202	49.911	ng		98
71) Phenanthrene	11.428	178	618304	37.255	ng		99
72) Anthracene	11.480	178	615569	37.346	ng		100
73) Carbazole	11.639	167	587921	38.163	ng		98
74) Di-n-butylphthalate	11.957	149	684774	38.065	ng		99
75) Fluoranthene	12.622	202	704328	38.001	ng		92
77) Benzidine	12.745	184	196185	34.066	ng		98
78) Pyrene	12.851	202	697779	37.815	ng		99
80) Butylbenzylphthalate	13.463	149	278427	39.990	ng	#	91
81) Benzo(a)anthracene	14.039	228	615375	39.010	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	183638	36.468	ng	#	95
83) Chrysene	14.080	228	557164	37.940	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	376631	40.026	ng	#	98
85) Di-n-octyl phthalate	14.627	149	554552	39.317	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	411887	40.512	ng	#	84
88) Benzo(b)fluoranthene	15.098	252	438461	39.334	ng	#	91
89) Benzo(k)fluoranthene	15.133	252	403910	37.700	ng	#	92
90) Benzo(a)pyrene	15.474	252	352594	40.265	ng	#	92
91) Dibenzo(a,h)anthracene	17.062	278	343259	40.276	ng	#	89
92) Benzo(g,h,i)perylene	17.504	276	336519	40.617	ng	#	83

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

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