Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125498.D
Acq On : 15 Sep 2021 11:10
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Sep 15 13:06:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 13:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	149042	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	582825	20.000	ng		# 0.00
39) Acenaphthene-d10	9.910	164	312274	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	590256	20.000	ng		0.00
76) Chrysene-d12	14.045	240	465831	20.000	ng		# 0.00
86) Perylene-d12	15.533	264	410531	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	241222	24.497	ng		0.00
7) Phenol-d6	6.498	99	317875	24.960	ng		-0.01
23) Nitrobenzene-d5	7.428	82	274562	23.716	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	89209	28.618	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	543698	24.266	ng		0.00
79) Terphenyl-d14	12.980	244	682882	23.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	55870	11.498	ng	#	100
3) Pyridine	3.428	79	142370	11.099	ng	#	91
4) n-Nitrosodimethylamine	3.363	42	69916	10.893	ng	#	36
6) Aniline	6.528	93	179935	12.028	ng	#	93
8) 2-Chlorophenol	6.651	128	125249	12.469	ng		82
9) Benzaldehyde	6.416	77	105386	11.792	ng		91
10) Phenol	6.510	94	176567	13.239	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	126319	12.026	ng		87
12) 1,3-Dichlorobenzene	6.804	146	142877	12.274	ng		96
13) 1,4-Dichlorobenzene	6.887	146	142036	12.246	ng		99
14) 1,2-Dichlorobenzene	7.040	146	137433	12.595	ng		99
15) Benzyl Alcohol	7.010	79	112879	11.512	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	236490	11.227	ng		95
17) 2-Methylphenol	7.122	107	105069	12.452	ng		96
18) Hexachloroethane	7.381	117	49735	12.245	ng	#	85
19) n-Nitroso-di-n-propyla...	7.275	70	95426	12.458	ng	#	80
20) 3+4-Methylphenols	7.275	107	131355	12.401	ng	#	58
22) Acetophenone	7.275	105	176729	11.782	ng	#	89
24) Nitrobenzene	7.445	77	149483	11.850	ng	#	86
25) Isophorone	7.687	82	263852	11.814	ng	#	89
26) 2-Nitrophenol	7.769	139	64091	12.724	ng	#	85
27) 2,4-Dimethylphenol	7.804	122	96271	10.917	ng		92
28) bis(2-Chloroethoxy)met...	7.898	93	143120	11.574	ng	#	96
29) 2,4-Dichlorophenol	8.010	162	112054	12.460	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	117576	11.989	ng		93
31) Naphthalene	8.175	128	357002	11.960	ng		98
32) Benzoic acid	7.904	122	43614	7.287	ng		91
33) 4-Chloroaniline	8.222	127	144592	12.288	ng	#	91
34) Hexachlorobutadiene	8.287	225	76441	12.225	ng		97
35) Caprolactam	8.575	113	31835	13.667	ng	#	60
36) 4-Chloro-3-methylphenol	8.704	107	117610	12.810	ng		89
37) 2-Methylnaphthalene	8.863	142	250559	12.703	ng		97
38) 1-Methylnaphthalene	8.963	142	230919	12.537	ng		96
40) 1,2,4,5-Tetrachloroben...	9.028	216	123185	12.074	ng	#	96
41) Hexachlorocyclopentadiene	9.016	237	22241	4.149	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	79975	11.133	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	89434	11.833	ng		96
46) 1,1'-Biphenyl	9.328	154	294154	11.684	ng		98
47) 2-Chloronaphthalene	9.351	162	239900	11.726	ng		97
48) 2-Nitroaniline	9.451	65	78408	12.364	ng	#	82
49) Acenaphthylene	9.769	152	360695	12.099	ng		99
50) Dimethylphthalate	9.628	163	270712	12.510	ng	#	98
51) 2,6-Dinitrotoluene	9.692	165	60866	12.971	ng	#	91
52) Acenaphthene	9.939	154	218222	11.808	ng		99
53) 3-Nitroaniline	9.863	138	66104	13.063	ng	#	73
54) 2,4-Dinitrophenol	9.980	184	23239	12.538	ng	#	84
55) Dibenzofuran	10.116	168	333589	12.542	ng		96
56) 4-Nitrophenol	10.033	139	40792	10.180	ng	#	80
57) 2,4-Dinitrotoluene	10.098	165	80045	14.094	ng	#	94
58) Fluorene	10.457	166	264513	13.452	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	69269	12.350	ng	#	83
60) Diethylphthalate	10.322	149	265570	12.588	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	132060	13.283	ng		88
62) 4-Nitroaniline	10.475	138	67521	14.838	ng	#	82
63) Azobenzene	10.610	77	286911	12.125	ng		90
65) 4,6-Dinitro-2-methylph...	10.510	198	39927	12.781	ng		82
66) n-Nitrosodiphenylamine	10.563	169	246544	11.665	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	84923	11.981	ng		89
68) Hexachlorobenzene	11.004	284	92281	12.656	ng	#	89
69) Atrazine	11.092	200	76126	12.552	ng		92
70) Pentachlorophenol	11.210	266	31767	7.461	ng		90
71) Phenanthrene	11.422	178	395935	12.174	ng		98
72) Anthracene	11.475	178	399713	12.469	ng		99
73) Carbazole	11.633	167	376976	12.869	ng		96
74) Di-n-butylphthalate	11.951	149	423924	12.195	ng		99
75) Fluoranthene	12.610	202	440459	13.649	ng		98
77) Benzidine	12.733	184	188594	11.592	ng		98
78) Pyrene	12.839	202	450869	11.283	ng		98
80) Butylbenzylphthalate	13.457	149	178029	11.338	ng		93
81) Benzo(a)anthracene	14.033	228	397762	11.851	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	128421	12.343	ng		98
83) Chrysene	14.068	228	397504	11.976	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	235561	10.916	ng		99
85) Di-n-octyl phthalate	14.627	149	383475	10.684	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	289466	9.787	ng	#	90
88) Benzo(b)fluoranthene	15.092	252	352401	11.750	ng	#	94
89) Benzo(k)fluoranthene	15.121	252	356663	12.744	ng		99
90) Benzo(a)pyrene	15.468	252	310577	11.723	ng	#	96
91) Dibenzo(a,h)anthracene	17.039	278	250636	9.804	ng	#	94
92) Benzo(g,h,i)perylene	17.474	276	235347	9.548	ng	#	89

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

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