Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126022.D
Acq On : 3 Nov 2021 16:30
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110321

Quant Time: Nov 03 17:26:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	210570	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	748054	20.00	ng		# 0.00
39) Acenaphthene-d10	9.892	164	447844	20.00	ng		0.00
64) Phenanthrene-d10	11.374	188	849846	20.00	ng		0.00
76) Chrysene-d12	14.010	240	584085	20.00	ng		# 0.00
86) Perylene-d12	15.468	264	418015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	975233	79.53	ng		0.00
7) Phenol-d6	6.486	99	1362503	78.82	ng		0.00
23) Nitrobenzene-d5	7.422	82	1245533	78.52	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	425583	82.92	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2556068	77.13	ng		0.00
79) Terphenyl-d14	12.963	244	2969898	81.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	204342	40.08	ng	#	100
3) Pyridine	3.369	79	559060	40.75	ng		94
4) n-Nitrosodimethylamine	3.328	42	387079	40.23	ng	#	87
6) Aniline	6.522	93	768655	40.33	ng	#	90
8) 2-Chlorophenol	6.639	128	515877	39.37	ng	#	80
9) Benzaldehyde	6.404	77	408427	41.20	ng		86
10) Phenol	6.498	94	706479	39.97	ng		77
11) bis(2-Chloroethyl)ether	6.592	93	504522	39.19	ng		87
12) 1,3-Dichlorobenzene	6.798	146	581456	38.96	ng	#	95
13) 1,4-Dichlorobenzene	6.875	146	594274	39.05	ng		97
14) 1,2-Dichlorobenzene	7.028	146	562232	38.35	ng		95
15) Benzyl Alcohol	6.998	79	595711	40.35	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.133	45	942098	39.80	ng		95
17) 2-Methylphenol	7.104	107	447700	40.15	ng	#	87
18) Hexachloroethane	7.369	117	226866	39.68	ng	#	88
19) n-Nitroso-di-n-propyla...	7.275	70	464880	40.80	ng	#	84
20) 3+4-Methylphenols	7.263	107	596057	39.54	ng	#	69
22) Acetophenone	7.269	105	839531	38.86	ng	#	91
24) Nitrobenzene	7.439	77	615510	39.18	ng	#	81
25) Isophorone	7.681	82	1135987	39.78	ng	#	87
26) 2-Nitrophenol	7.751	139	200726	37.26	ng	#	57
27) 2,4-Dimethylphenol	7.786	122	416083	39.96	ng	#	75
28) bis(2-Chloroethoxy)met...	7.886	93	663904	39.42	ng	#	97
29) 2,4-Dichlorophenol	7.992	162	468939	39.90	ng		95
30) 1,2,4-Trichlorobenzene	8.081	180	559316	39.03	ng		98
31) Naphthalene	8.163	128	1514007	39.08	ng		99
32) Benzoic acid	7.922	122	214449	36.02	ng	#	64
33) 4-Chloroaniline	8.204	127	620202	40.05	ng	#	86
34) Hexachlorobutadiene	8.280	225	381002	38.62	ng		99
35) Caprolactam	8.586	113	133291	40.73	ng	#	52
36) 4-Chloro-3-methylphenol	8.686	107	549529	40.55	ng		85
37) 2-Methylnaphthalene	8.851	142	1053512	39.37	ng		100
38) 1-Methylnaphthalene	8.951	142	1020079	39.35	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	583237	38.86	ng		99
41) Hexachlorocyclopentadiene	9.004	237	327396	41.98	ng		99
43) 2,4,6-Trichlorophenol	9.127	196	368853	40.58	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	396007	40.33	ng		96
46) 1,1'-Biphenyl	9.316	154	1366012	39.46	ng		97
47) 2-Chloronaphthalene	9.339	162	1079382	39.62	ng		100
48) 2-Nitroaniline	9.433	65	345535	39.32	ng	#	77
49) Acenaphthylene	9.757	152	1637588	39.74	ng		99
50) Dimethylphthalate	9.616	163	1306730	40.08	ng		98
51) 2,6-Dinitrotoluene	9.675	165	228114	40.82	ng	#	62
52) Acenaphthene	9.927	154	1032174	39.72	ng		97
53) 3-Nitroaniline	9.845	138	238789	41.68	ng	#	59
54) 2,4-Dinitrophenol	9.945	184	90001	40.98	ng	#	85
55) Dibenzofuran	10.098	168	1530372	39.12	ng		97
56) 4-Nitrophenol	9.998	139	184324	40.76	ng	#	55
57) 2,4-Dinitrotoluene	10.074	165	291807	37.02	ng	#	75
58) Fluorene	10.439	166	1241825	39.54	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	349943	42.09	ng	#	90
60) Diethylphthalate	10.316	149	1306015	39.94	ng		98
61) 4-Chlorophenyl-phenyle...	10.433	204	663102	39.48	ng		89
62) 4-Nitroaniline	10.457	138	253476	42.42	ng	#	75
63) Azobenzene	10.592	77	1424635	40.13	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	148340	38.29	ng		95
66) n-Nitrosodiphenylamine	10.551	169	1055761	39.01	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	402615	39.11	ng		98
68) Hexachlorobenzene	10.986	284	425677	39.59	ng	#	90
69) Atrazine	11.074	200	387292	40.46	ng		94
70) Pentachlorophenol	11.174	266	241654	41.71	ng		94
71) Phenanthrene	11.398	178	1793260	38.91	ng		97
72) Anthracene	11.451	178	1780501	38.70	ng		98
73) Carbazole	11.604	167	1617926	37.91	ng		99
74) Di-n-butylphthalate	11.939	149	1971245	39.64	ng	#	99
75) Fluoranthene	12.586	202	1948604	37.97	ng		96
77) Benzidine	12.704	184	685013	35.08	ng		97
78) Pyrene	12.815	202	1932682	41.26	ng		95
80) Butylbenzylphthalate	13.433	149	761940	44.66	ng	#	84
81) Benzo(a)anthracene	13.998	228	1583933	39.47	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	442733	37.81	ng		98
83) Chrysene	14.039	228	1476941	39.56	ng		98
84) Bis(2-ethylhexyl)phtha...	13.998	149	988627	41.81	ng	#	99
85) Di-n-octyl phthalate	14.609	149	1372396	40.85	ng		97
87) Indeno(1,2,3-cd)pyrene	16.927	276	992414	40.11	ng	#	85
88) Benzo(b)fluoranthene	15.045	252	1041456	38.30	ng	#	94
89) Benzo(k)fluoranthene	15.074	252	1073991	40.72	ng		98
90) Benzo(a)pyrene	15.409	252	839243	39.18	ng	#	94
91) Dibenzo(a,h)anthracene	16.945	278	821251	40.41	ng	#	90
92) Benzo(g,h,i)perylene	17.362	276	784973	40.28	ng	#	83

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

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