Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
Data File : BF131285.D
Acq On : 17 Nov 2022 14:44
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 00:57:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 00:51:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.975	152	90565	20.000	ng		0.00
21) Naphthalene-d8	8.263	136	292053	20.000	ng		0.00
39) Acenaphthene-d10	10.033	164	162141	20.000	ng		0.00
64) Phenanthrene-d10	11.527	188	284887	20.000	ng		0.00
76) Chrysene-d12	14.180	240	146178	20.000	ng		0.00
86) Perylene-d12	15.721	264	136351	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	725665	141.884	ng		0.00
7) Phenol-d6	6.598	99	910985	140.631	ng		0.01
23) Nitrobenzene-d5	7.551	82	950340	182.646	ng		0.01
42) 2,4,6-Tribromophenol	10.827	330	254833	164.537	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1659643	149.791	ng		0.00
79) Terphenyl-d14	13.121	244	1561109	183.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	167760	71.594	ng		98
3) Pyridine	3.557	79	474259	71.607	ng		98
4) n-Nitrosodimethylamine	3.540	42	298344	77.284	ng		95
6) Aniline	6.645	93	584141m	71.891	ng		
8) 2-Chlorophenol	6.763	128	406422	70.691	ng		93
10) Phenol	6.610	94	513255	70.826	ng		97
11) bis(2-Chloroethyl)ether	6.716	93	402193	70.883	ng		99
12) 1,3-Dichlorobenzene	6.916	146	463690	71.290	ng		99
13) 1,4-Dichlorobenzene	6.992	146	469701	71.405	ng		98
14) 1,2-Dichlorobenzene	7.151	146	426358	70.128	ng		99
15) Benzyl Alcohol	7.122	79	396114	70.397	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.245	45	750284	70.203	ng		99
17) 2-Methylphenol	7.222	107	347317	70.762	ng		97
18) Hexachloroethane	7.492	117	180228	75.367	ng		94
19) n-Nitroso-di-n-propyla...	7.404	70	325679	72.150	ng		97
20) 3+4-Methylphenols	7.381	107	438352	69.045	ng	#	89
22) Acetophenone	7.392	105	581405	76.371	ng	#	95
24) Nitrobenzene	7.569	77	483364	86.053	ng		98
25) Isophorone	7.810	82	835437	80.371	ng		99
26) 2-Nitrophenol	7.881	139	188870	98.419	ng		97
27) 2,4-Dimethylphenol	7.910	122	330846	77.759	ng		100
28) bis(2-Chloroethoxy)met...	8.016	93	453393	77.363	ng		98
29) 2,4-Dichlorophenol	8.122	162	363502	79.002	ng		97
30) 1,2,4-Trichlorobenzene	8.204	180	416736	77.250	ng		97
31) Naphthalene	8.292	128	1190759	75.255	ng		100
32) Benzoic acid	8.057	122	269560m	100.958	ng		
33) 4-Chloroaniline	8.333	127	470491	75.535	ng		98
34) Hexachlorobutadiene	8.398	225	275826	80.784	ng		98
35) Caprolactam	8.733	113	105598m	77.660	ng		
36) 4-Chloro-3-methylphenol	8.816	107	383270	79.135	ng		99
37) 2-Methylnaphthalene	8.980	142	803219	76.221	ng		99
38) 1-Methylnaphthalene	9.086	142	776296	75.969	ng		100
40) 1,2,4,5-Tetrachloroben...	9.145	216	405096	77.596	ng		99
43) 2,4,6-Trichlorophenol	9.257	196	275296	80.659	ng		98
44) 2,4,5-Trichlorophenol	9.298	196	292948	79.983	ng		95
46) 1,1'-Biphenyl	9.451	154	946966	75.974	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.480	162	767521	76.012	ng		98
48) 2-Nitroaniline	9.575	65	279187	100.164	ng		97
49) Acenaphthylene	9.898	152	1159355	75.190	ng		99
50) Dimethylphthalate	9.757	163	913828	78.707	ng		99
51) 2,6-Dinitrotoluene	9.816	165	187575	92.706	ng	#	84
52) Acenaphthene	10.069	154	754826	78.428	ng		98
53) 3-Nitroaniline	9.992	138	186807	85.456	ng		96
54) 2,4-Dinitrophenol	10.086	184	77587	100.907	ng		90
55) Dibenzofuran	10.239	168	1039217	75.363	ng		99
56) 4-Nitrophenol	10.133	139	142108	77.791	ng		98
57) 2,4-Dinitrotoluene	10.222	165	236775	98.591	ng		95
58) Fluorene	10.586	166	818586	75.440	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	249825	80.516	ng		99
60) Diethylphthalate	10.457	149	862173	78.558	ng		98
61) 4-Chlorophenyl-phenyle...	10.574	204	412814	76.940	ng		99
62) 4-Nitroaniline	10.616	138	185119	85.744	ng		99
63) Azobenzene	10.739	77	889349	77.398	ng		99
65) 4,6-Dinitro-2-methylph...	10.633	198	107169	96.555	ng		97
66) n-Nitrosodiphenylamine	10.698	169	706415	78.047	ng		98
67) 4-Bromophenyl-phenylether	11.069	248	268595	80.298	ng		97
68) Hexachlorobenzene	11.133	284	285802	78.841	ng		97
69) Atrazine	11.227	200	221623	74.701	ng		98
70) Pentachlorophenol	11.321	266	173682	82.086	ng		98
71) Phenanthrene	11.557	178	1181070	75.120	ng		100
72) Anthracene	11.610	178	1151307	74.961	ng		99
73) Carbazole	11.757	167	959560	69.796	ng		99
74) Di-n-butylphthalate	12.086	149	1204051	75.253	ng		98
75) Fluoranthene	12.751	202	1171126	67.540	ng		99
77) Benzidine	12.868	184	225540	71.999	ng		98
78) Pyrene	12.980	202	1146379	90.976	ng		99
80) Butylbenzylphthalate	13.598	149	384021	89.925	ng		95
81) Benzo(a)anthracene	14.174	228	796328	78.386	ng		100
82) 3,3'-Dichlorobenzidine	14.133	252	225974	76.018	ng		99
83) Chrysene	14.210	228	763775	77.174	ng		99
84) Bis(2-ethylhexyl)phtha...	14.157	149	447187	83.263	ng		99
85) Di-n-octyl phthalate	14.786	149	678065	89.340	ng		99
87) Indeno(1,2,3-cd)pyrene	17.321	276	938363	104.173	ng		100
88) Benzo(b)fluoranthene	15.262	252	706500	74.213	ng		99
89) Benzo(k)fluoranthene	15.298	252	675067	71.531	ng		99
90) Benzo(a)pyrene	15.656	252	599913	78.833	ng		99
91) Dibenzo(a,h)anthracene	17.345	278	774791	104.839	ng		98
92) Benzo(g,h,i)perylene	17.809	276	782209	106.057	ng		99

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

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