Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130816.D
Acq On : 28 Oct 2022 09:10
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 28 16:47:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 04:00:21 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	100441	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	371384	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	208450	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	394205	20.000	ng	0.00
76) Chrysene-d12	14.139	240	272953	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	198425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	457159	78.906	ng	0.00
7) Phenol-d6	6.569	99	598915	79.548	ng	0.00
23) Nitrobenzene-d5	7.522	82	577293	93.731	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	157575	89.800	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1063010	77.100	ng	0.00
79) Terphenyl-d14	13.086	244	1183279	79.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	106782	41.108	ng	90
3) Pyridine	3.551	79	308022	42.336	ng	98
4) n-Nitrosodimethylamine	3.522	42	175796	43.040	ng	96
6) Aniline	6.622	93	382357	41.070	ng	99
8) 2-Chlorophenol	6.739	128	261180	40.467	ng	100
9) Benzaldehyde	6.510	77	184349	38.256	ng	96
10) Phenol	6.587	94	328572	40.554	ng	94
11) bis(2-Chloroethyl)ether	6.692	93	258202	40.881	ng	100
12) 1,3-Dichlorobenzene	6.898	146	294411	40.256	ng	99
13) 1,4-Dichlorobenzene	6.975	146	299909	40.400	ng	99
14) 1,2-Dichlorobenzene	7.128	146	279925	40.715	ng	99
15) Benzyl Alcohol	7.092	79	258434	40.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	459595	40.824	ng	100
17) 2-Methylphenol	7.192	107	224354	40.670	ng	99
18) Hexachloroethane	7.469	117	110211	41.078	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	202491	39.529	ng	98
20) 3+4-Methylphenols	7.351	107	290643	40.522	ng	99
22) Acetophenone	7.369	105	370219	41.116	ng	100
24) Nitrobenzene	7.539	77	301079	44.705	ng	99
25) Isophorone	7.781	82	524617	41.306	ng	100
26) 2-Nitrophenol	7.857	139	110726	42.235	ng	98
27) 2,4-Dimethylphenol	7.881	122	217791	41.203	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	289586	40.826	ng	99
29) 2,4-Dichlorophenol	8.092	162	226602	41.673	ng	94
30) 1,2,4-Trichlorobenzene	8.181	180	239442	40.951	ng	96
31) Naphthalene	8.263	128	787860	40.661	ng	100
32) Benzoic acid	7.992	122	153663m	42.040	ng	
33) 4-Chloroaniline	8.310	127	316606	41.350	ng	98
34) Hexachlorobutadiene	8.375	225	160075	41.241	ng	96
35) Caprolactam	8.686	113	75225	43.171	ng	94
36) 4-Chloro-3-methylphenol	8.781	107	247233	41.917	ng	99
37) 2-Methylnaphthalene	8.957	142	494619	40.582	ng	98
38) 1-Methylnaphthalene	9.057	142	479840	40.454	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	240736	40.725	ng	99
41) Hexachlorocyclopentadiene	9.104	237	132006	42.501	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	167091	40.679	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	189794	43.248	ng		99
46) 1,1'-Biphenyl	9.422	154	598479	40.299	ng		100
47) 2-Chloronaphthalene	9.445	162	479088	40.231	ng		99
48) 2-Nitroaniline	9.539	65	168148	44.265	ng		99
49) Acenaphthylene	9.869	152	769717	40.902	ng		99
50) Dimethylphthalate	9.722	163	588859	41.129	ng		100
51) 2,6-Dinitrotoluene	9.780	165	120409	44.459	ng		99
52) Acenaphthene	10.039	154	476916	40.985	ng		98
53) 3-Nitroaniline	9.957	138	135997	48.767	ng	#	85
54) 2,4-Dinitrophenol	10.051	184	44108	43.824	ng		96
55) Dibenzofuran	10.210	168	691113	40.975	ng		98
56) 4-Nitrophenol	10.092	139	106895	48.410	ng		99
57) 2,4-Dinitrotoluene	10.186	165	153875	45.230	ng		96
58) Fluorene	10.551	166	534343	40.233	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	152305	42.096	ng		99
60) Diethylphthalate	10.422	149	595788	42.312	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	255938	40.283	ng		99
62) 4-Nitroaniline	10.569	138	137304	48.623	ng		99
63) Azobenzene	10.704	77	606429	41.257	ng		98
65) 4,6-Dinitro-2-methylph...	10.592	198	67389	42.076	ng		98
66) n-Nitrosodiphenylamine	10.663	169	499575	40.629	ng		100
67) 4-Bromophenyl-phenylether	11.039	248	166752	42.063	ng		98
68) Hexachlorobenzene	11.098	284	179274	41.044	ng		100
69) Atrazine	11.186	200	152041	42.817	ng		97
70) Pentachlorophenol	11.286	266	114305	45.861	ng		99
71) Phenanthrene	11.522	178	825692	40.582	ng		100
72) Anthracene	11.574	178	816350	40.679	ng		98
73) Carbazole	11.722	167	731659	40.712	ng		100
74) Di-n-butylphthalate	12.051	149	895794	41.042	ng		99
75) Fluoranthene	12.710	202	899689	41.618	ng		99
77) Benzidine	12.827	184	281091	42.423	ng		99
78) Pyrene	12.939	202	923493	40.102	ng		99
80) Butylbenzylphthalate	13.557	149	358377	43.256	ng		98
81) Benzo(a)anthracene	14.133	228	733066	40.508	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	204773	41.925	ng		98
83) Chrysene	14.168	228	706736	40.487	ng		99
84) Bis(2-ethylhexyl)phtha...	14.115	149	443947	44.566	ng		99
85) Di-n-octyl phthalate	14.739	149	615115	44.741	ng		100
87) Indeno(1,2,3-cd)pyrene	17.209	276	571806	43.394	ng		99
88) Benzo(b)fluoranthene	15.210	252	527663	41.138	ng		99
89) Benzo(k)fluoranthene	15.239	252	530865	42.473	ng		99
90) Benzo(a)pyrene	15.592	252	428403	41.547	ng		98
91) Dibenzo(a,h)anthracene	17.233	278	465147	43.302	ng		99
92) Benzo(g,h,i)perylene	17.686	276	480120	43.811	ng		100

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

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