Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125087.D
Acq On : 18 Aug 2021 14:03
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
8/19/2021 1:26:45 PM

Quant Time: Aug 18 15:10:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 15:07:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	152689	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	564262	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	293985	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	536511	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	332663	20.000	ng		0.00
86) Perylene-d12	15.580	264	258215	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	797433	78.023	ng		0.00
7) Phenol-d6	6.540	99	1053926	83.834	ng		0.00
23) Nitrobenzene-d5	7.487	82	931598	91.347	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	264154	96.241	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1542809	69.949	ng		0.00
79) Terphenyl-d14	13.033	244	1718620	74.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	203858	39.293	ng	#	100
3) Pyridine	3.499	79	550270	39.078	ng		90
4) n-Nitrosodimethylamine	3.457	42	278168	36.838	ng	#	47
6) Aniline	6.587	93	637160m	40.137	ng		
8) 2-Chlorophenol	6.704	128	417508	40.806	ng	#	79
9) Benzaldehyde	6.475	77	353420	37.167	ng		93
10) Phenol	6.557	94	556500	39.596	ng		98
11) bis(2-Chloroethyl)ether	6.657	93	433961	40.532	ng		84
12) 1,3-Dichlorobenzene	6.863	146	474622	43.526	ng		95
13) 1,4-Dichlorobenzene	6.939	146	472477	43.251	ng		98
14) 1,2-Dichlorobenzene	7.092	146	440688	41.899	ng		98
15) Benzyl Alcohol	7.057	79	427674	41.709	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	892118	37.340	ng		99
17) 2-Methylphenol	7.163	107	356949	38.901	ng		94
18) Hexachloroethane	7.439	117	167866	40.783	ng	#	83
19) n-Nitroso-di-n-propyla...	7.334	70	328075	40.201	ng	#	83
20) 3+4-Methylphenols	7.316	107	443067	37.856	ng	#	86
22) Acetophenone	7.334	105	575597	39.342	ng		96
24) Nitrobenzene	7.504	77	509029	44.183	ng	#	86
25) Isophorone	7.745	82	923251	41.589	ng	#	90
26) 2-Nitrophenol	7.816	139	217822	51.564	ng	#	77
27) 2,4-Dimethylphenol	7.851	122	352810	41.329	ng		90
28) bis(2-Chloroethoxy)met...	7.951	93	491605	41.389	ng		98
29) 2,4-Dichlorophenol	8.057	162	365058	46.050	ng		97
30) 1,2,4-Trichlorobenzene	8.145	180	382970	45.734	ng		94
31) Naphthalene	8.228	128	1147553	40.501	ng		99
32) Benzoic acid	7.957	122	289180	50.821	ng	#	82
33) 4-Chloroaniline	8.275	127	479519	41.802	ng	#	93
34) Hexachlorobutadiene	8.345	225	238018	50.012	ng		99
35) Caprolactam	8.645	113	111722	43.411	ng	#	49
36) 4-Chloro-3-methylphenol	8.745	107	386783	41.757	ng		91
37) 2-Methylnaphthalene	8.916	142	786748	42.427	ng		99
38) 1-Methylnaphthalene	9.016	142	742343	42.327	ng		98
40) 1,2,4,5-Tetrachloroben...	9.081	216	369163	44.551	ng		97
41) Hexachlorocyclopentadiene	9.069	237	198927	48.294	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	275047	46.107	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	294055	46.325	ng		95
46) 1,1'-Biphenyl	9.381	154	912425	37.037	ng		97
47) 2-Chloronaphthalene	9.410	162	756658	40.150	ng		96
48) 2-Nitroaniline	9.498	65	274609	45.236	ng	#	82
49) Acenaphthylene	9.822	152	1136079	37.261	ng		98
50) Dimethylphthalate	9.681	163	854917	42.244	ng		97
51) 2,6-Dinitrotoluene	9.739	165	200661	50.047	ng	#	76
52) Acenaphthene	9.998	154	710977	38.389	ng		98
53) 3-Nitroaniline	9.910	138	218587	43.726	ng	#	71
54) 2,4-Dinitrophenol	10.010	184	90139	55.580	ng	#	84
55) Dibenzofuran	10.169	168	1004618	37.047	ng		99
56) 4-Nitrophenol	10.057	139	180474	44.672	ng	#	76
57) 2,4-Dinitrotoluene	10.145	165	255109	53.432	ng	#	98
58) Fluorene	10.510	166	744888	37.758	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	228101	49.649	ng	#	87
60) Diethylphthalate	10.380	149	853791	39.537	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	376254	42.090	ng	#	84
62) 4-Nitroaniline	10.528	138	209666	46.304	ng	#	82
63) Azobenzene	10.663	77	937828	38.241	ng		93
65) 4,6-Dinitro-2-methylph...	10.551	198	133389	57.010	ng		94
66) n-Nitrosodiphenylamine	10.622	169	736966	38.504	ng		98
67) 4-Bromophenyl-phenylether	10.992	248	256698	45.403	ng		94
68) Hexachlorobenzene	11.057	284	267067	42.988	ng	#	86
69) Atrazine	11.145	200	232436	46.105	ng		92
70) Pentachlorophenol	11.245	266	168037	46.237	ng		91
71) Phenanthrene	11.475	178	1165541	40.537	ng		98
72) Anthracene	11.527	178	1150084	40.159	ng		98
73) Carbazole	11.674	167	1093087	36.869	ng		99
74) Di-n-butylphthalate	12.004	149	1300924	39.004	ng		100
75) Fluoranthene	12.663	202	1219847	42.632	ng		98
77) Benzidine	12.780	184	509704	35.639	ng		97
78) Pyrene	12.892	202	1227188	36.831	ng		96
80) Butylbenzylphthalate	13.510	149	509372	37.975	ng		96
81) Benzo(a)anthracene	14.080	228	963010	45.551	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	306348	43.159	ng		98
83) Chrysene	14.116	228	953149	44.415	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	649106	40.764	ng		99
85) Di-n-octyl phthalate	14.680	149	1041943	45.191	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	689568	77.078	ng		94
88) Benzo(b)fluoranthene	15.145	252	816878	46.615	ng	#	94
89) Benzo(k)fluoranthene	15.174	252	766730	46.221	ng		100
90) Benzo(a)pyrene	15.521	252	696315	47.414	ng		96
91) Dibenzo(a,h)anthracene	17.115	278	602688	70.974	ng		96
92) Benzo(g,h,i)perylene	17.551	276	568950	69.915	ng	#	90

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

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