Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125069.D
Acq On : 17 Aug 2021 13:37
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
8/18/2021 4:31:02 PM

Quant Time: Aug 17 14:10:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 17 14:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	162750	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	604577	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	282610	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	486514	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	291304	20.000	ng		0.00
86) Perylene-d12	15.580	264	203490	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	869608	87.528	ng		0.00
7) Phenol-d6	6.540	99	1072156	85.583	ng		0.00
23) Nitrobenzene-d5	7.487	82	935893	80.981	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	230169	91.162	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1480443	76.651	ng		0.00
79) Terphenyl-d14	13.033	244	1433253	82.994	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	228537	61.485	ng	#	100
3) Pyridine	3.504	79	623786	72.224	ng		89
4) n-Nitrosodimethylamine	3.469	42	336971	54.941	ng	#	51
6) Aniline	6.587	93	699730	52.877	ng	#	93
8) 2-Chlorophenol	6.704	128	444403	40.778	ng	#	77
9) Benzaldehyde	6.475	77	391134	57.387	ng		94
10) Phenol	6.557	94	587814	45.475	ng		98
11) bis(2-Chloroethyl)ether	6.657	93	460275	47.466	ng	#	81
12) 1,3-Dichlorobenzene	6.863	146	468140	39.466	ng	#	96
13) 1,4-Dichlorobenzene	6.940	146	471319	39.747	ng		95
14) 1,2-Dichlorobenzene	7.092	146	428384m	38.549	ng		
15) Benzyl Alcohol	7.057	79	459695	50.871	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1045742	67.312	ng		98
17) 2-Methylphenol	7.163	107	399539	48.977	ng		97
18) Hexachloroethane	7.440	117	182556	39.323	ng		93
19) n-Nitroso-di-n-propyla...	7.334	70	351775	47.324	ng	#	86
20) 3+4-Methylphenols	7.316	107	484957	44.782	ng	#	85
22) Acetophenone	7.334	105	623729	42.125	ng		95
24) Nitrobenzene	7.504	77	522938	46.762	ng	#	88
25) Isophorone	7.745	82	973269	49.342	ng	#	89
26) 2-Nitrophenol	7.822	139	210184	37.012	ng	#	84
27) 2,4-Dimethylphenol	7.851	122	380069	47.214	ng		93
28) bis(2-Chloroethoxy)met...	7.951	93	510590	45.482	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	355602	39.649	ng		97
30) 1,2,4-Trichlorobenzene	8.145	180	366039	36.418	ng		97
31) Naphthalene	8.228	128	1211758	39.011	ng		99
32) Benzoic acid	7.957	122	253011m	60.808	ng		
33) 4-Chloroaniline	8.269	127	503195	43.471	ng	#	89
34) Hexachlorobutadiene	8.345	225	208120	34.674	ng		99
35) Caprolactam	8.645	113	121032	50.819	ng	#	49
36) 4-Chloro-3-methylphenol	8.745	107	412894	44.010	ng		90
37) 2-Methylnaphthalene	8.916	142	807074	38.644	ng		99
38) 1-Methylnaphthalene	9.016	142	771155	39.462	ng		96
40) 1,2,4,5-Tetrachloroben...	9.081	216	316185	38.978	ng		98
41) Hexachlorocyclopentadiene	9.069	237	168001	85.274	ng		99
43) 2,4,6-Trichlorophenol	9.192	196	238049	44.083	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	254099	46.484	ng		97
46) 1,1'-Biphenyl	9.381	154	945899	44.915	ng		96
47) 2-Chloronaphthalene	9.410	162	717062	42.797	ng		99
48) 2-Nitroaniline	9.498	65	267611	54.373	ng	#	78
49) Acenaphthylene	9.828	152	1165900	45.810	ng		99
50) Dimethylphthalate	9.681	163	795881	41.558	ng		97
51) 2,6-Dinitrotoluene	9.739	165	176795	41.457	ng	#	62
52) Acenaphthene	9.998	154	711582	46.119	ng		97
53) 3-Nitroaniline	9.910	138	219045	48.767	ng	#	76
54) 2,4-Dinitrophenol	10.010	184	67830	36.445	ng		85
55) Dibenzofuran	10.169	168	1047091	43.424	ng		97
56) 4-Nitrophenol	10.057	139	180233	60.872	ng	#	75
57) 2,4-Dinitrotoluene	10.145	165	221539	38.263	ng	#	96
58) Fluorene	10.510	166	749056	40.513	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.281	232	188971	46.075	ng	#	98
60) Diethylphthalate	10.381	149	857397	43.626	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	343610	39.354	ng		89
62) 4-Nitroaniline	10.528	138	202699	46.481	ng	#	84
63) Azobenzene	10.663	77	963486	50.132	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	96787	31.755	ng		95
66) n-Nitrosodiphenylamine	10.622	169	698174	44.276	ng		97
67) 4-Bromophenyl-phenylether	10.992	248	212720	39.919	ng		93
68) Hexachlorobenzene	11.057	284	232237	40.059	ng	#	88
69) Atrazine	11.145	200	189054	39.899	ng		94
70) Pentachlorophenol	11.245	266	149117	60.174	ng		93
71) Phenanthrene	11.475	178	1061293	40.214	ng		97
72) Anthracene	11.527	178	1066774	40.293	ng		99
73) Carbazole	11.675	167	1100349	45.320	ng		99
74) Di-n-butylphthalate	12.010	149	1269206	41.132	ng		100
75) Fluoranthene	12.663	202	1104973	40.472	ng		97
77) Benzidine	12.780	184	501225	64.306	ng		99
78) Pyrene	12.892	202	1122826	48.935	ng		98
80) Butylbenzylphthalate	13.510	149	491371	48.121	ng		97
81) Benzo(a)anthracene	14.080	228	783059	41.250	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	253297	50.611	ng		99
83) Chrysene	14.116	228	774049	42.179	ng		97
84) Bis(2-ethylhexyl)phtha...	14.069	149	591588	41.764	ng		99
85) Di-n-octyl phthalate	14.680	149	947614	42.404	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	289862	23.920	ng		93
88) Benzo(b)fluoranthene	15.139	252	603176	42.215	ng		98
89) Benzo(k)fluoranthene	15.168	252	551170	42.405	ng	#	96
90) Benzo(a)pyrene	15.515	252	499254	41.033	ng		97
91) Dibenzo(a,h)anthracene	17.104	278	277035	26.002	ng		97
92) Benzo(g,h,i)perylene	17.539	276	233216	22.819	ng		95

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

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