Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122824.D
Acq On : 22 Dec 2020 21:31
Operator : JU/CG
Sample : L5176-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26878MS

Manual Integrations APPROVED
mohammad
12/23/2020 3:28:28 PM

Quant Time: Dec 22 23:39:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	160930	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	632374	20.00	ng		0.00
39) Acenaphthene-d10	9.869	164	286350	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	406265	20.00	ng		# 0.02
76) Chrysene-d12	14.004	240	403562	20.00	ng		0.02
86) Perylene-d12	15.451	264	406360	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1254144	123.38	ng		0.02
7) Phenol-d6	6.463	99	1670269	123.89	ng		0.00
23) Nitrobenzene-d5	7.393	82	1049239	83.13	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	474510	126.60	ng		0.02
45) 2-Fluorobiphenyl	9.187	172	1777392	83.96	ng		0.00
79) Terphenyl-d14	12.951	244	1422644	61.71	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	192814	40.36	ng		97
3) Pyridine	3.405	79	540637	42.81	ng		99
4) n-Nitrosodimethylamine	3.363	42	217276	42.90	ng		97
6) Aniline	6.487	93	280012	17.65	ng	#	89
8) 2-Chlorophenol	6.610	128	537167	47.94	ng		96
9) Benzaldehyde	6.369	77	159659	19.57	ng		97
10) Phenol	6.481	94	661269	47.34	ng		97
11) bis(2-Chloroethyl)ether	6.557	93	505856	47.40	ng		99
12) 1,3-Dichlorobenzene	6.763	146	569931	42.99	ng		99
13) 1,4-Dichlorobenzene	6.840	146	578068	43.24	ng		99
14) 1,2-Dichlorobenzene	6.993	146	553495	42.89	ng		99
15) Benzyl Alcohol	6.969	79	436510	47.02	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	609023	40.02	ng		92
17) 2-Methylphenol	7.087	107	429263	48.20	ng		96
18) Hexachloroethane	7.334	117	208590	43.79	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	344361	44.59	ng		97
20) 3+4-Methylphenols	7.234	107	505354	44.92	ng		92
22) Acetophenone	7.234	105	671766	42.72	ng	#	96
24) Nitrobenzene	7.410	77	534042	42.53	ng		97
25) Isophorone	7.651	82	993499	45.70	ng		97
26) 2-Nitrophenol	7.722	139	297564	48.59	ng		96
27) 2,4-Dimethylphenol	7.763	122	466106	51.93	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	633976	42.59	ng		100
29) 2,4-Dichlorophenol	7.969	162	468526	44.70	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	497539	41.89	ng		99
31) Naphthalene	8.128	128	1508426	43.23	ng		99
32) Benzoic acid	7.916	122	322886	45.15	ng		97
33) 4-Chloroaniline	8.175	127	182232	12.49	ng		99
34) Hexachlorobutadiene	8.245	225	293699	40.18	ng		98
35) Caprolactam	8.563	113	137901m	43.68	ng		
36) 4-Chloro-3-methylphenol	8.675	107	500299	48.45	ng		96
37) 2-Methylnaphthalene	8.822	142	1050676	45.52	ng		99
38) 1-Methylnaphthalene	8.922	142	949029	43.46	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	472252	49.79	ng		99
41) Hexachlorocyclopentadiene	8.975	237	427675	101.98	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	323557	49.40	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	349234	51.58	ng		98
46) 1,1'-Biphenyl	9.287	154	1169418	49.21	ng		100
47) 2-Chloronaphthalene	9.316	162	918381	46.64	ng		98
48) 2-Nitroaniline	9.410	65	271264	47.25	ng		95
49) Acenaphthylene	9.734	152	1305194	44.88	ng		99
50) Dimethylphthalate	9.592	163	1220537	53.37	ng		98
51) 2,6-Dinitrotoluene	9.657	165	255798	52.96	ng		99
52) Acenaphthene	9.904	154	752732	40.00	ng		99
53) 3-Nitroaniline	9.822	138	139080	24.92	ng	#	98
54) 2,4-Dinitrophenol	9.939	184	230426	97.58	ng		95
55) Dibenzofuran	10.081	168	1125022	42.50	ng		99
56) 4-Nitrophenol	9.998	139	331332	83.26	ng	#	71
57) 2,4-Dinitrotoluene	10.063	165	301161	46.81	ng		99
58) Fluorene	10.428	166	778659	36.99	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	233892	39.32	ng	#	97
60) Diethylphthalate	10.298	149	913917	41.09	ng		97
61) 4-Chlorophenyl-phenyle...	10.416	204	402341	38.82	ng		98
62) 4-Nitroaniline	10.445	138	181039	31.96	ng		93
63) Azobenzene	10.575	77	827298	40.46	ng		97
65) 4,6-Dinitro-2-methylph...	10.481	198	147498	59.54	ng		85
66) n-Nitrosodiphenylamine	10.533	169	700925	48.83	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	259175	47.08	ng		98
68) Hexachlorobenzene	10.986	284	295029	48.48	ng		97
69) Atrazine	11.069	200	214521	46.02	ng		92
70) Pentachlorophenol	11.175	266	289532	89.79	ng		99
71) Phenanthrene	11.392	178	1051815	43.56	ng		98
72) Anthracene	11.445	178	1095907	45.77	ng		98
73) Carbazole	11.598	167	962798	44.34	ng		98
74) Di-n-butylphthalate	11.922	149	1176855	43.14	ng		99
75) Fluoranthene	12.586	202	1112165	43.93	ng		98
77) Benzidine	12.698	184	228163	26.14	ng	#	88
78) Pyrene	12.816	202	1139998	36.54	ng		100
80) Butylbenzylphthalate	13.416	149	547859	38.98	ng		98
81) Benzo(a)anthracene	13.992	228	1238043	45.90	ng		98
82) 3,3'-Dichlorobenzidine	13.951	252	138064	14.29	ng		99
83) Chrysene	14.033	228	1209213	45.05	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	842568	43.78	ng	#	98
85) Di-n-octyl phthalate	14.580	149	1399035	43.82	ng		98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1266649	47.49	ng		100
88) Benzo(b)fluoranthene	15.033	252	1325459	46.49	ng		99
89) Benzo(k)fluoranthene	15.063	252	1117008	42.85	ng		100
90) Benzo(a)pyrene	15.398	252	1100714	44.13	ng		100
91) Dibenzo(a,h)anthracene	16.927	278	1041469	47.71	ng		99
92) Benzo(g,h,i)perylene	17.351	276	1063966	50.36	ng		99

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

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