Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
Data File : BF122364.D
Acq On : 18 Nov 2020 13:05
Operator : JU/CG
Sample : PB133056BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133056BSD

Manual Integrations APPROVED
mohammad
11/20/2020 11:28:34 AM

Quant Time: Nov 18 13:55:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	312467	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1176701	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	650576	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1218223	20.00	ng		0.00
76) Chrysene-d12	14.033	240	1039498	20.00	ng		0.00
86) Perylene-d12	15.504	264	954382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1731683	85.10	ng		0.02
7) Phenol-d6	6.492	99	2303436	86.53	ng		0.00
23) Nitrobenzene-d5	7.428	82	1275035	66.34	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	695200	99.56	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2397197	57.57	ng		0.00
79) Terphenyl-d14	12.980	244	2792208	56.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	323390	34.65	ng		91
3) Pyridine	3.499	79	895362	34.88	ng		90
4) n-Nitrosodimethylamine	3.452	42	382462	31.61	ng		90
6) Aniline	6.528	93	826167	23.65	ng		95
8) 2-Chlorophenol	6.651	128	777793	36.86	ng		92
9) Benzaldehyde	6.410	77	247417	13.87	ng		97
10) Phenol	6.504	94	992223	37.85	ng		79
11) bis(2-Chloroethyl)ether	6.604	93	732262	35.14	ng		93
12) 1,3-Dichlorobenzene	6.810	146	853704	35.63	ng		95
13) 1,4-Dichlorobenzene	6.887	146	860818	35.77	ng		96
14) 1,2-Dichlorobenzene	7.040	146	809713	36.05	ng		99
15) Benzyl Alcohol	7.004	79	679971	35.93	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1037719	34.17	ng		98
17) 2-Methylphenol	7.116	107	655354	37.21	ng		98
18) Hexachloroethane	7.381	117	303402	36.20	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	544310	34.22	ng		94
20) 3+4-Methylphenols	7.269	107	803464	37.07	ng	#	83
22) Acetophenone	7.275	105	1024730	33.43	ng	#	89
24) Nitrobenzene	7.445	77	829635	37.73	ng		98
25) Isophorone	7.692	82	1461784	34.11	ng		95
26) 2-Nitrophenol	7.763	139	404534	43.17	ng		98
27) 2,4-Dimethylphenol	7.798	122	739750	36.60	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	913858	34.87	ng		98
29) 2,4-Dichlorophenol	8.004	162	681428	38.08	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	723057	36.61	ng		95
31) Naphthalene	8.175	128	2213842	35.39	ng		99
32) Benzoic acid	7.916	122	438834	40.68	ng		97
33) 4-Chloroaniline	8.216	127	459826	16.88	ng		96
34) Hexachlorobutadiene	8.292	225	415745	36.62	ng		99
35) Caprolactam	8.586	113	211531m	37.30	ng		
36) 4-Chloro-3-methylphenol	8.698	107	697938	37.40	ng		95
37) 2-Methylnaphthalene	8.863	142	1508356	36.50	ng		99
38) 1-Methylnaphthalene	8.963	142	1387095	35.85	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	677087	33.77	ng		99
41) Hexachlorocyclopentadiene	9.022	237	857033	73.12	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	502740	38.61	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	515032	37.74	ng	97
46) 1,1'-Biphenyl	9.328	154	1758475	33.96	ng	99
47) 2-Chloronaphthalene	9.357	162	1418077	34.50	ng	96
48) 2-Nitroaniline	9.445	65	436798	37.00	ng	94
49) Acenaphthylene	9.769	152	2180822	34.52	ng	98
50) Dimethylphthalate	9.633	163	1653126	35.75	ng	100
51) 2,6-Dinitrotoluene	9.686	165	384930	38.25	ng	91
52) Acenaphthene	9.945	154	1505415	38.50	ng	100
53) 3-Nitroaniline	9.857	138	254624	23.67	ng	91
54) 2,4-Dinitrophenol	9.963	184	338666	79.15	ng	94
55) Dibenzofuran	10.116	168	1993212	34.79	ng	99
56) 4-Nitrophenol	10.016	139	666473	67.02	ng	96
57) 2,4-Dinitrotoluene	10.092	165	518966	40.80	ng	89
58) Fluorene	10.457	166	1528230	34.84	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	458922	40.43	ng	96
60) Diethylphthalate	10.333	149	1577257	34.77	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	741479	35.81	ng	97
62) 4-Nitroaniline	10.475	138	398598	35.69	ng	96
63) Azobenzene	10.610	77	1567344	32.93	ng	94
65) 4,6-Dinitro-2-methylph...	10.498	198	240596	46.81	ng	98
66) n-Nitrosodiphenylamine	10.569	169	1399446	33.72	ng	94
67) 4-Bromophenyl-phenylether	10.939	248	507494	35.45	ng	97
68) Hexachlorobenzene	11.004	284	553361	35.78	ng	99
69) Atrazine	11.092	200	396080	38.32	ng	99
70) Pentachlorophenol	11.198	266	664349	74.55	ng	97
71) Phenanthrene	11.422	178	2297084	33.23	ng	97
72) Anthracene	11.469	178	2390322	33.56	ng	99
73) Carbazole	11.622	167	2166863	33.44	ng	99
74) Di-n-butylphthalate	11.957	149	2358907	34.14	ng	100
75) Fluoranthene	12.610	202	2444040	33.87	ng	97
77) Benzidine	12.727	184	949585	32.94	ng	100
78) Pyrene	12.839	202	2508002	34.34	ng	99
80) Butylbenzylphthalate	13.457	149	1036466	36.26	ng	95
81) Benzo(a)anthracene	14.021	228	2190528	33.88	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	548363	22.76	ng	98
83) Chrysene	14.063	228	2220949	34.11	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1301407	36.96	ng	98
85) Di-n-octyl phthalate	14.627	149	2310610	38.72	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	1939457	33.87	ng	100
88) Benzo(b)fluoranthene	15.074	252	2333423	37.75	ng	99
89) Benzo(k)fluoranthene	15.110	252	1978177	32.82	ng	99
90) Benzo(a)pyrene	15.445	252	1886365	35.01	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1592667	33.20	ng	99
92) Benzo(g,h,i)perylene	17.409	276	1566140	33.58	ng	100

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

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