Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
Data File : BF122697.D
Acq On : 14 Dec 2020 10:23
Operator : JU/CG
Sample : PB133578BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133578BS

Manual Integrations APPROVED
mohammad
12/17/2020 9:46:37 AM

Quant Time: Dec 14 16:52:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	158906	20.00	ng	0.00
21) Naphthalene-d8	8.121	136	606570	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	328971	20.00	ng	0.00
64) Phenanthrene-d10	11.362	188	622623	20.00	ng	0.00
76) Chrysene-d12	14.009	240	505385	20.00	ng	0.00
86) Perylene-d12	15.468	264	502026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	797917	79.50	ng	0.01
7) Phenol-d6	6.474	99	1029524	77.34	ng	0.00
23) Nitrobenzene-d5	7.404	82	866663	71.59	ng	0.00
42) 2,4,6-Tribromophenol	10.668	330	344478	80.00	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1656928	68.13	ng	0.00
79) Terphenyl-d14	12.951	244	1999006	69.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	194595	41.25	ng	99
3) Pyridine	3.445	79	469738	37.67	ng	97
4) n-Nitrosodimethylamine	3.404	42	211664	42.33	ng	97
6) Aniline	6.498	93	437903	27.95	ng	98
8) 2-Chlorophenol	6.627	128	495799	44.82	ng	94
9) Benzaldehyde	6.386	77	61416	7.62	ng	95
10) Phenol	6.486	94	606400	43.96	ng	92
11) bis(2-Chloroethyl)ether	6.574	93	455849	43.26	ng	99
12) 1,3-Dichlorobenzene	6.780	146	535257	40.89	ng	99
13) 1,4-Dichlorobenzene	6.857	146	541734	41.04	ng	100
14) 1,2-Dichlorobenzene	7.010	146	502397	39.43	ng	99
15) Benzyl Alcohol	6.980	79	398818	43.51	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	570485	37.96	ng	97
17) 2-Methylphenol	7.092	107	415929	47.29	ng	99
18) Hexachloroethane	7.351	117	190621	40.52	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	318328	41.75	ng	99
20) 3+4-Methylphenols	7.245	107	481201	43.31	ng	97
22) Acetophenone	7.251	105	620453	41.14	ng	98
24) Nitrobenzene	7.421	77	498232	41.37	ng	100
25) Isophorone	7.663	82	910337	43.66	ng	100
26) 2-Nitrophenol	7.739	139	271212	46.17	ng	92
27) 2,4-Dimethylphenol	7.774	122	433847	50.39	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	577334	40.43	ng	100
29) 2,4-Dichlorophenol	7.980	162	428693	42.64	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	456007	40.03	ng	98
31) Naphthalene	8.145	128	1412408	42.20	ng	100
32) Benzoic acid	7.916	122	294648	42.95	ng	96
33) 4-Chloroaniline	8.192	127	385305	27.54	ng	99
34) Hexachlorobutadiene	8.263	225	260572	37.16	ng	99
35) Caprolactam	8.568	113	144985m	47.88	ng	
36) 4-Chloro-3-methylphenol	8.680	107	444348	44.87	ng	99
37) 2-Methylnaphthalene	8.833	142	944542	42.66	ng	99
38) 1-Methylnaphthalene	8.933	142	895062	42.73	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	438391	40.23	ng	99
41) Hexachlorocyclopentadiene	8.986	237	407585	84.60	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	309330	41.11	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	329415	42.35	ng	98
46) 1,1'-Biphenyl	9.298	154	1129661	41.38	ng	99
47) 2-Chloronaphthalene	9.321	162	897113	39.66	ng	99
48) 2-Nitroaniline	9.421	65	270000	40.94	ng	96
49) Acenaphthylene	9.739	152	1418758	42.46	ng	99
50) Dimethylphthalate	9.604	163	1089552	41.47	ng	99
51) 2,6-Dinitrotoluene	9.663	165	247854	44.67	ng	95
52) Acenaphthene	9.910	154	971894m	44.96	ng	
53) 3-Nitroaniline	9.833	138	190758	29.75	ng	96
54) 2,4-Dinitrophenol	9.945	184	253102	93.29	ng	93
55) Dibenzofuran	10.086	168	1273818	41.89	ng	97
56) 4-Nitrophenol	10.004	139	415741	90.93	ng	94
57) 2,4-Dinitrotoluene	10.068	165	333275	45.09	ng	98
58) Fluorene	10.427	166	965813	39.93	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	295266	43.20	ng	99
60) Diethylphthalate	10.298	149	1034982	40.50	ng	99
61) 4-Chlorophenyl-phenyle...	10.415	204	473513	39.76	ng	99
62) 4-Nitroaniline	10.451	138	249462	38.33	ng	92
63) Azobenzene	10.580	77	960810	40.90	ng	93
65) 4,6-Dinitro-2-methylph...	10.480	198	183155	48.24	ng	94
66) n-Nitrosodiphenylamine	10.539	169	908155	41.28	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	331858	39.33	ng	97
68) Hexachlorobenzene	10.974	284	368750	39.54	ng	98
69) Atrazine	11.062	200	306294	42.87	ng	99
70) Pentachlorophenol	11.174	266	411830	83.34	ng	99
71) Phenanthrene	11.392	178	1508221	40.76	ng	99
72) Anthracene	11.439	178	1533839	41.80	ng	99
73) Carbazole	11.598	167	1391343	41.81	ng	99
74) Di-n-butylphthalate	11.921	149	1603943	38.36	ng	99
75) Fluoranthene	12.580	202	1596857	41.15	ng	98
77) Benzidine	12.698	184	320582	29.33	ng	99
78) Pyrene	12.809	202	1626379	41.62	ng	100
80) Butylbenzylphthalate	13.421	149	699342	39.73	ng	100
81) Benzo(a)anthracene	13.998	228	1489841	44.11	ng	99
82) 3,3'-Dichlorobenzidine	13.956	252	480680	39.74	ng	99
83) Chrysene	14.033	228	1439466	42.83	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	921919	38.25	ng	99
85) Di-n-octyl phthalate	14.592	149	1593691	39.86	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	1422461	43.17	ng	100
88) Benzo(b)fluoranthene	15.045	252	1484805	42.15	ng	99
89) Benzo(k)fluoranthene	15.074	252	1458645	45.29	ng	99
90) Benzo(a)pyrene	15.409	252	1318791	42.80	ng	99
91) Dibenzo(a,h)anthracene	16.944	278	1169774	43.37	ng	100
92) Benzo(g,h,i)perylene	17.374	276	1186905	45.47	ng	98

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

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