Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122787.D
Acq On : 18 Dec 2020 16:03
Operator : JU/CG
Sample : L5125-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1MS

Manual Integrations APPROVED
mohammad
12/21/2020 10:42:31 AM

Quant Time: Dec 18 17:38:48 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	6.816	152	142751	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	560776	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	304629	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	583429	20.00	ng		0.00
76) Chrysene-d12	13.986	240	498573	20.00	ng		0.00
86) Perylene-d12	15.439	264	481802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	904663	100.33	ng		0.00
7) Phenol-d6	6.457	99	1148262	96.02	ng		0.00
23) Nitrobenzene-d5	7.387	82	726689	64.93	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	405790	101.77	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1351337	60.00	ng		0.00
79) Terphenyl-d14	12.927	244	1508376	52.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	166787	39.35	ng		99
3) Pyridine	3.340	79	460334	41.09	ng		99
4) n-Nitrosodimethylamine	3.293	42	190347	42.37	ng		98
6) Aniline	6.481	93	351719	24.99	ng		99
8) 2-Chlorophenol	6.604	128	463499	46.64	ng		97
9) Benzaldehyde	6.363	77	152504	21.07	ng		97
10) Phenol	6.469	94	578945	46.72	ng		93
11) bis(2-Chloroethyl)ether	6.551	93	437296	46.19	ng		100
12) 1,3-Dichlorobenzene	6.757	146	487636	41.47	ng		99
13) 1,4-Dichlorobenzene	6.834	146	497560	41.96	ng		98
14) 1,2-Dichlorobenzene	6.987	146	479087	41.86	ng		99
15) Benzyl Alcohol	6.963	79	377723	45.87	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	540539	40.04	ng		98
17) 2-Methylphenol	7.075	107	372231	47.12	ng		100
18) Hexachloroethane	7.334	117	177469	42.00	ng		96
19) n-Nitroso-di-n-propyla...	7.240	70	294173	42.94	ng		97
20) 3+4-Methylphenols	7.234	107	438119	43.90	ng		98
22) Acetophenone	7.228	105	569480	40.84	ng	#	97
24) Nitrobenzene	7.404	77	463648	41.64	ng		98
25) Isophorone	7.645	82	851444	44.17	ng		98
26) 2-Nitrophenol	7.722	139	248182	45.70	ng		91
27) 2,4-Dimethylphenol	7.763	122	402142	50.52	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	543573	41.17	ng		99
29) 2,4-Dichlorophenol	7.963	162	400323	43.07	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	410458	38.97	ng		98
31) Naphthalene	8.128	128	1283890	41.49	ng		100
32) Benzoic acid	7.904	122	292266	46.08	ng		99
33) 4-Chloroaniline	8.175	127	147898	11.43	ng		99
34) Hexachlorobutadiene	8.245	225	249653	38.52	ng		98
35) Caprolactam	8.551	113	128856m	46.03	ng		
36) 4-Chloro-3-methylphenol	8.669	107	416897	45.53	ng		98
37) 2-Methylnaphthalene	8.816	142	883613	43.17	ng		99
38) 1-Methylnaphthalene	8.916	142	812073	41.94	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	409195	40.55	ng		99
41) Hexachlorocyclopentadiene	8.975	237	381281	85.47	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	286948	41.18	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	316378	43.92	ng	99
46) 1,1'-Biphenyl	9.281	154	1066027	42.17	ng	99
47) 2-Chloronaphthalene	9.304	162	835308	39.88	ng	99
48) 2-Nitroaniline	9.404	65	247472	40.52	ng	94
49) Acenaphthylene	9.722	152	1308550	42.29	ng	100
50) Dimethylphthalate	9.586	163	1140921	46.90	ng	99
51) 2,6-Dinitrotoluene	9.645	165	234643	45.67	ng	91
52) Acenaphthene	9.892	154	921635m	46.04	ng	
53) 3-Nitroaniline	9.816	138	118401	19.94	ng	99
54) 2,4-Dinitrophenol	9.928	184	251628	100.16	ng	97
55) Dibenzofuran	10.069	168	1185123	42.09	ng	99
56) 4-Nitrophenol	9.986	139	368694	87.09	ng	90
57) 2,4-Dinitrotoluene	10.051	165	312769	45.70	ng	98
58) Fluorene	10.410	166	912092	40.73	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	273750	43.26	ng	99
60) Diethylphthalate	10.281	149	1003538	42.41	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	446948	40.53	ng	99
62) 4-Nitroaniline	10.433	138	238805	39.62	ng	95
63) Azobenzene	10.557	77	924160	42.49	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	182761	51.37	ng	98
66) n-Nitrosodiphenylamine	10.522	169	851855	41.32	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	321209	40.63	ng	97
68) Hexachlorobenzene	10.957	284	347059	39.71	ng	98
69) Atrazine	11.045	200	256908	38.37	ng	99
70) Pentachlorophenol	11.157	266	380257	82.12	ng	99
71) Phenanthrene	11.369	178	1421211	40.99	ng	100
72) Anthracene	11.422	178	1464693	42.60	ng	100
73) Carbazole	11.575	167	1331186	42.69	ng	99
74) Di-n-butylphthalate	11.904	149	1594829	40.70	ng	100
75) Fluoranthene	12.557	202	1527167	42.00	ng	99
77) Benzidine	12.680	184	521688	48.38	ng	99
78) Pyrene	12.786	202	1547141	40.14	ng	100
80) Butylbenzylphthalate	13.404	149	705430	40.63	ng	99
81) Benzo(a)anthracene	13.980	228	1364934	40.96	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	315333	26.42	ng	98
83) Chrysene	14.016	228	1377685	41.55	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	972151	40.89	ng	99
85) Di-n-octyl phthalate	14.574	149	1668855	42.31	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1339981	42.37	ng	99
88) Benzo(b)fluoranthene	15.021	252	1492077	44.14	ng	100
89) Benzo(k)fluoranthene	15.051	252	1235323	39.97	ng	100
90) Benzo(a)pyrene	15.386	252	1215635	41.10	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	1099334	42.47	ng	100
92) Benzo(g,h,i)perylene	17.333	276	1109960	44.31	ng	99

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

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