Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122788.D
Acq On : 18 Dec 2020 16:34
Operator : JU/CG
Sample : L5125-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1MSD

Manual Integrations APPROVED
mohammad
12/21/2020 10:42:33 AM

Quant Time: Dec 18 17:39:29 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	141919	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	549426	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	298872	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	570055	20.00	ng		0.00
76) Chrysene-d12	13.986	240	473176	20.00	ng		0.00
86) Perylene-d12	15.439	264	453723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	891099	99.41	ng		0.00
7) Phenol-d6	6.457	99	1128982	94.96	ng		0.00
23) Nitrobenzene-d5	7.386	82	709891	64.73	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	391810	100.15	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1325479	59.99	ng		0.00
79) Terphenyl-d14	12.927	244	1450446	53.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	164540	39.05	ng		98
3) Pyridine	3.346	79	463367	41.61	ng		99
4) n-Nitrosodimethylamine	3.299	42	187154	41.91	ng		99
6) Aniline	6.481	93	331801	23.71	ng		99
8) 2-Chlorophenol	6.604	128	454809	46.03	ng		97
9) Benzaldehyde	6.363	77	150036	20.85	ng		98
10) Phenol	6.469	94	570101	46.28	ng		93
11) bis(2-Chloroethyl)ether	6.551	93	422017	44.84	ng		100
12) 1,3-Dichlorobenzene	6.757	146	485802	41.55	ng		98
13) 1,4-Dichlorobenzene	6.834	146	493122	41.83	ng		98
14) 1,2-Dichlorobenzene	6.987	146	471628	41.45	ng		99
15) Benzyl Alcohol	6.963	79	371206	45.35	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	530851	39.55	ng		98
17) 2-Methylphenol	7.075	107	361081	45.97	ng		100
18) Hexachloroethane	7.328	117	173514	41.30	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	289131	42.46	ng		98
20) 3+4-Methylphenols	7.234	107	429569	43.29	ng		98
22) Acetophenone	7.228	105	562118	41.15	ng	#	97
24) Nitrobenzene	7.404	77	455178	41.72	ng		97
25) Isophorone	7.645	82	830188	43.95	ng		98
26) 2-Nitrophenol	7.722	139	245120	46.07	ng		92
27) 2,4-Dimethylphenol	7.757	122	393588	50.47	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	535141	41.37	ng		100
29) 2,4-Dichlorophenol	7.963	162	389107	42.73	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	417869	40.50	ng		99
31) Naphthalene	8.128	128	1272878	41.98	ng		99
32) Benzoic acid	7.898	122	281780	45.35	ng		99
33) 4-Chloroaniline	8.175	127	146446	11.55	ng		98
34) Hexachlorobutadiene	8.245	225	244766	38.54	ng		99
35) Caprolactam	8.551	113	123495m	45.02	ng		
36) 4-Chloro-3-methylphenol	8.663	107	413335	46.08	ng		98
37) 2-Methylnaphthalene	8.816	142	866285	43.19	ng		98
38) 1-Methylnaphthalene	8.916	142	798600	42.09	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	404565	40.87	ng		99
41) Hexachlorocyclopentadiene	8.969	237	369261	84.37	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	283051	41.40	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	303976	43.01	ng	99
46) 1,1'-Biphenyl	9.281	154	1041890	42.00	ng	99
47) 2-Chloronaphthalene	9.304	162	825712	40.18	ng	100
48) 2-Nitroaniline	9.404	65	240617	40.16	ng	97
49) Acenaphthylene	9.722	152	1278022	42.10	ng	100
50) Dimethylphthalate	9.586	163	1112946	46.63	ng	100
51) 2,6-Dinitrotoluene	9.645	165	232348	46.09	ng	94
52) Acenaphthene	9.892	154	911781m	46.43	ng	
53) 3-Nitroaniline	9.810	138	107923	18.53	ng	92
54) 2,4-Dinitrophenol	9.928	184	244097	99.04	ng	94
55) Dibenzofuran	10.069	168	1171517	42.41	ng	96
56) 4-Nitrophenol	9.986	139	355589	85.61	ng	92
57) 2,4-Dinitrotoluene	10.051	165	307351	45.77	ng	99
58) Fluorene	10.410	166	900368	40.98	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	268557	43.25	ng	100
60) Diethylphthalate	10.280	149	986500	42.49	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	440760	40.74	ng	98
62) 4-Nitroaniline	10.433	138	233112	39.42	ng	93
63) Azobenzene	10.557	77	909589	42.62	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	177513	51.07	ng	99
66) n-Nitrosodiphenylamine	10.522	169	837501	41.58	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	312650	40.47	ng	97
68) Hexachlorobenzene	10.957	284	342138	40.07	ng	99
69) Atrazine	11.045	200	251954	38.52	ng	99
70) Pentachlorophenol	11.157	266	371354	82.08	ng	99
71) Phenanthrene	11.369	178	1381595	40.78	ng	99
72) Anthracene	11.422	178	1434638	42.70	ng	100
73) Carbazole	11.574	167	1300081	42.67	ng	100
74) Di-n-butylphthalate	11.904	149	1584769	41.40	ng	99
75) Fluoranthene	12.563	202	1496397	42.12	ng	97
77) Benzidine	12.680	184	503100	49.16	ng	99
78) Pyrene	12.786	202	1514772	41.41	ng	99
80) Butylbenzylphthalate	13.404	149	673732	40.89	ng	99
81) Benzo(a)anthracene	13.980	228	1341181	42.41	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	300518	26.53	ng	97
83) Chrysene	14.015	228	1313855	41.75	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	931015	41.26	ng	100
85) Di-n-octyl phthalate	14.574	149	1570927	41.97	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1296722	43.54	ng	99
88) Benzo(b)fluoranthene	15.021	252	1288340	40.47	ng	100
89) Benzo(k)fluoranthene	15.051	252	1270245	43.64	ng	99
90) Benzo(a)pyrene	15.386	252	1145258	41.12	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	1066533	43.75	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1090476	46.22	ng	99

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

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