Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044364.D
Acq On : 10 Feb 2020 19:59
Operator : CG/JU
Sample : L1470-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:42 AM

Quant Time: Feb 11 03:06:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	61746	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	271517	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	192921	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	470078	20.00	ng	0.00
76) Chrysene-d12	21.53	240	459232	20.00	ng	0.00
87) Perylene-d12	24.62	264	492432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	341432	97.59	ng	0.00
7) Phenol-d6	7.08	99	469841	100.00	ng	0.00
23) Nitrobenzene-d5	9.06	82	275443	57.27	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	219011	96.70	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	677455	58.80	ng	0.00
79) Terphenyl-d14	19.90	244	1266746	56.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	57140	36.350	ng	99
3) Pyridine	3.76	79	136826	32.671	ng	98
4) n-Nitrosodimethylamine	3.67	42	68857	39.346	ng	99
6) Aniline	7.22	93	147615	25.313	ng	99
8) 2-Chlorophenol	7.47	128	185924	48.353	ng	98
9) Benzaldehyde	7.04	77	74394	27.803	ng	96
10) Phenol	7.10	94	231290	49.744	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	163444	41.117	ng	98
12) 1,3-Dichlorobenzene	7.79	146	185311	40.364	ng	97
13) 1,4-Dichlorobenzene	7.94	146	186372	40.988	ng	99
14) 1,2-Dichlorobenzene	8.26	146	178035	41.424	ng	99
15) Benzyl Alcohol	8.14	79	149165	44.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	212231	39.446	ng	100
17) 2-Methylphenol	8.35	107	157923	47.604	ng	99
18) Hexachloroethane	8.99	117	65958	38.656	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	131904	42.127	ng	98
20) 3+4-Methylphenols	8.68	107	219382	47.985	ng	97
22) Acetophenone	8.72	105	256889	38.892	ng	97
24) Nitrobenzene	9.10	77	188169	40.078	ng	99
25) Isophorone	9.63	82	376710	42.025	ng	99
26) 2-Nitrophenol	9.82	139	104465	42.880	ng	98
27) 2,4-Dimethylphenol	9.88	122	181948	52.907	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	235413	39.368	ng	99
29) 2,4-Dichlorophenol	10.36	162	190937	45.917	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	184984	38.796	ng	100
31) Naphthalene	10.76	128	550078	41.757	ng	99
32) Benzoic acid	10.03	122	60968	33.140	ng	93
33) 4-Chloroaniline	10.87	127	72331	12.073	ng	98
34) Hexachlorobutadiene	11.05	225	110157	37.546	ng	99
35) Caprolactam	11.62	113	75775m	49.745	ng	
36) 4-Chloro-3-methylphenol	11.99	107	208466	47.815	ng	98
37) 2-Methylnaphthalene	12.37	142	420770	43.020	ng	98
38) 1-Methylnaphthalene	12.58	142	398115	43.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	208500	36.130	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	238548	86.148	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	155788	41.764	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	171026	44.889	ng	97
46) 1,1'-Biphenyl	13.38	154	545349	39.190	ng	98
47) 2-Chloronaphthalene	13.42	162	431835	38.998	ng	98
48) 2-Nitroaniline	13.62	65	129307	39.568	ng	96
49) Acenaphthylene	14.26	152	694250	42.745	ng	99
50) Dimethylphthalate	14.00	163	610173	44.000	ng	99
51) 2,6-Dinitrotoluene	14.11	165	132444	42.834	ng	99
52) Acenaphthene	14.60	154	426438	40.508	ng	98
53) 3-Nitroaniline	14.45	138	63211	18.478	ng	89
54) 2,4-Dinitrophenol	14.65	184	144635	79.043	ng	100
55) Dibenzofuran	14.94	168	681331	42.747	ng	97
56) 4-Nitrophenol	14.76	139	263165	105.022	ng	99
57) 2,4-Dinitrotoluene	14.90	165	191732	44.242	ng	97
58) Fluorene	15.59	166	545067	43.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	161060	46.800	ng	98
60) Diethylphthalate	15.37	149	607890	43.992	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	286721	42.122	ng	99
62) 4-Nitroaniline	15.61	138	140164	41.005	ng	98
63) Azobenzene	15.88	77	529029	43.683	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	118283	45.584	ng	99
66) n-Nitrosodiphenylamine	15.80	169	524168	39.789	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	194858	38.047	ng	97
68) Hexachlorobenzene	16.60	284	216699	37.767	ng	99
69) Atrazine	16.75	200	214351	47.472	ng	98
70) Pentachlorophenol	16.94	266	238629	82.156	ng	97
71) Phenanthrene	17.33	178	939765	41.285	ng	99
72) Anthracene	17.42	178	971974	43.190	ng	99
73) Carbazole	17.69	167	893854	43.084	ng	99
74) Di-n-butylphthalate	18.25	149	1116464	43.547	ng	99
75) Fluoranthene	19.34	202	1166054	44.282	ng	100
77) Benzidine	19.52	184	409736	32.166	ng	97
78) Pyrene	19.70	202	1167143	39.575	ng	98
80) Butylbenzylphthalate	20.59	149	501188	37.291	ng	98
81) Benzo(a)anthracene	21.51	228	1101038	38.902	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	194590	17.715	ng	99
83) Chrysene	21.58	228	1058662	38.697	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	725213	39.203	ng	99
85) Di-n-octyl phthalate	22.60	149	1247422	38.973	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1367877	38.325	ng	100
88) Benzo(b)fluoranthene	23.65	252	1178921	41.547	ng	99
89) Benzo(k)fluoranthene	23.71	252	1150810	41.612	ng	99
90) Benzo(a)pyrene	24.47	252	1086238	40.488	ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1130509	42.578	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1155777	43.483	ng	97

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

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