Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040217.D
Acq On : 29 Mar 2019 3:03
Operator : JU/SJ
Sample : K2107-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:42 PM

Quant Time: Mar 29 08:09:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55127	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	232765	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	148090	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	362738	20.00	ng	0.00
76) Chrysene-d12	21.72	240	362318	20.00	ng	0.00
87) Perylene-d12	25.03	264	374806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	419651	126.55	ng	0.00
7) Phenol-d6	7.22	99	540087	117.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	380595	86.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	238785	149.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	849302	84.98	ng	0.00
79) Terphenyl-d14	20.04	244	1396278	86.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	53427	34.264	ng	# 1
3) Pyridine	3.93	79	134926	32.139	ng	98
4) n-Nitrosodimethylamine	3.85	42	68880	35.469	ng	# 88
6) Aniline	7.40	93	71119	11.944	ng	97
8) 2-Chlorophenol	7.64	128	164638	42.413	ng	97
9) Benzaldehyde	7.21	77	38251	12.168	ng	97
10) Phenol	7.25	94	186013	37.394	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	163097	40.937	ng	98
12) 1,3-Dichlorobenzene	7.96	146	155976	36.963	ng	98
13) 1,4-Dichlorobenzene	8.11	146	159553	37.964	ng	100
14) 1,2-Dichlorobenzene	8.42	146	150263	37.387	ng	97
15) Benzyl Alcohol	8.31	79	148946	40.356	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	295014	38.582	ng	98
17) 2-Methylphenol	8.50	107	146795	42.647	ng	98
18) Hexachloroethane	9.15	117	56932	35.613	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	130848	39.822	ng	97
20) 3+4-Methylphenols	8.83	107	198479	42.564	ng	97
22) Acetophenone	8.90	105	255401	43.987	ng	# 98
24) Nitrobenzene	9.29	77	189263	41.737	ng	97
25) Isophorone	9.80	82	382208	42.419	ng	99
26) 2-Nitrophenol	10.00	139	90931	42.319	ng	96
27) 2,4-Dimethylphenol	10.04	122	168146	49.265	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	227366	42.652	ng	99
29) 2,4-Dichlorophenol	10.53	162	172819	46.649	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	165516	40.688	ng	99
31) Naphthalene	10.94	128	498002	41.741	ng	99
32) Benzoic acid	10.15	122	7686m	3.727	ng	
33) 4-Chloroaniline	11.05	127	12173	2.392	ng	# 91
34) Hexachlorobutadiene	11.20	225	98752	37.958	ng	93
35) Caprolactam	11.83	113	46233m	31.447	ng	
36) 4-Chloro-3-methylphenol	12.16	107	195029	45.792	ng	99
37) 2-Methylnaphthalene	12.54	142	377274	42.756	ng	99
38) 1-Methylnaphthalene	12.75	142	362987	42.422	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	197602	41.982	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	213537	82.626	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	144054	47.470	ng		95
44) 2,4,5-Trichlorophenol	13.21	196	151415	45.777	ng		97
46) 1,1'-Biphenyl	13.53	154	492685	42.106	ng		100
47) 2-Chloronaphthalene	13.58	162	383502	42.728	ng		99
48) 2-Nitroaniline	13.79	65	131911	43.571	ng		97
49) Acenaphthylene	14.43	152	648170	42.593	ng		100
50) Dimethylphthalate	14.15	163	525605	45.349	ng		99
51) 2,6-Dinitrotoluene	14.28	165	120927	46.467	ng		98
52) Acenaphthene	14.77	154	379003	43.464	ng		96
53) 3-Nitroaniline	14.62	138	23129	8.396	ng	#	98
54) 2,4-Dinitrophenol	14.82	184	41358	29.883	ng		95
55) Dibenzofuran	15.10	168	621857	44.381	ng		99
56) 4-Nitrophenol	14.92	139	172828	77.735	ng		93
57) 2,4-Dinitrotoluene	15.07	165	170038	47.023	ng		98
58) Fluorene	15.74	166	493640	44.810	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.32	232	145474	48.466	ng		99
60) Diethylphthalate	15.50	149	547458	46.160	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	265313	45.056	ng		98
62) 4-Nitroaniline	15.78	138	121403	41.066	ng		98
63) Azobenzene	16.03	77	498118	44.526	ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	50636	24.847	ng		97
66) n-Nitrosodiphenylamine	15.95	169	465990	43.900	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	177794	43.555	ng		99
68) Hexachlorobenzene	16.74	284	181306	44.174	ng		95
69) Atrazine	16.89	200	176859	44.790	ng		96
70) Pentachlorophenol	17.09	266	169143	71.282	ng		96
71) Phenanthrene	17.49	178	849719	44.567	ng		100
72) Anthracene	17.58	178	874383	45.818	ng		99
73) Carbazole	17.85	167	821109	45.464	ng		100
74) Di-n-butylphthalate	18.39	149	972028	45.405	ng		99
75) Fluoranthene	19.50	202	1045057	46.289	ng		99
77) Benzidine	19.68	184	116785	8.926	ng		97
78) Pyrene	19.86	202	1054576	44.261	ng		99
80) Butylbenzylphthalate	20.73	149	447465	43.888	ng		98
81) Benzo(a)anthracene	21.71	228	961808	43.098	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	98376	11.588	ng		99
83) Chrysene	21.77	228	930410	43.380	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	629322	43.180	ng		99
85) Di-n-octyl phthalate	22.80	149	1075782	43.324	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	1164248	44.383	ng	#	91
88) Benzo(b)fluoranthene	23.97	252	1023773	44.615	ng		99
89) Benzo(k)fluoranthene	24.04	252	989221	46.877	ng		99
90) Benzo(a)pyrene	24.87	252	994146	46.174	ng		100
91) Dibenzo(a,h)anthracene	28.87	278	940883	47.053	ng		99
92) Benzo(g,h,i)perylene	30.00	276	964011	46.910	ng		98

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

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