Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040204.D
Acq On : 28 Mar 2019 17:44
Operator : JU/SJ
Sample : K2102-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:38 PM

Quant Time: Mar 29 07:46:16 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	58278	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	237891	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	149006	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	379795	20.00	ng		0.00
76) Chrysene-d12	21.72	240	378357	20.00	ng		0.00
87) Perylene-d12	25.03	264	393120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	507254	144.70	ng		0.00
7) Phenol-d6	7.22	99	706152	145.75	ng		0.00
23) Nitrobenzene-d5	9.24	82	407577	91.07	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	256640	159.37	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	789594	78.52	ng		0.00
79) Terphenyl-d14	20.04	244	1315556	78.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	63633	38.603	ng		96
3) Pyridine	3.92	79	163993	36.950	ng		98
4) n-Nitrosodimethylamine	3.84	42	84176	41.002	ng	#	90
6) Aniline	7.40	93	90305	14.347	ng		98
8) 2-Chlorophenol	7.63	128	182663	44.512	ng		95
9) Benzaldehyde	7.21	77	45630	13.730	ng		97
10) Phenol	7.25	94	266517	50.681	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	177671	42.183	ng		99
12) 1,3-Dichlorobenzene	7.95	146	182938	41.009	ng		97
13) 1,4-Dichlorobenzene	8.11	146	184678	41.566	ng		99
14) 1,2-Dichlorobenzene	8.42	146	175681	41.348	ng		99
15) Benzyl Alcohol	8.31	79	165809	42.496	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	328152	40.596	ng		99
17) 2-Methylphenol	8.50	107	164699	45.261	ng		97
18) Hexachloroethane	9.15	117	67062	39.681	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	138365	39.833	ng		95
20) 3+4-Methylphenols	8.83	107	222690	45.174	ng		98
22) Acetophenone	8.90	105	276718	46.631	ng	#	98
24) Nitrobenzene	9.29	77	207718	44.819	ng		99
25) Isophorone	9.80	82	402587	43.718	ng		97
26) 2-Nitrophenol	10.00	139	98651	44.922	ng		99
27) 2,4-Dimethylphenol	10.04	122	183132	52.499	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	240567	44.156	ng		99
29) 2,4-Dichlorophenol	10.53	162	185743	49.057	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	188168	45.260	ng		99
31) Naphthalene	10.94	128	556276	45.620	ng		99
32) Benzoic acid	10.14	122	10604	5.031	ng		89
33) 4-Chloroaniline	11.05	127	47651	9.161	ng		95
34) Hexachlorobutadiene	11.20	225	111666	41.997	ng		97
35) Caprolactam	11.84	113	71044m	47.282	ng		
36) 4-Chloro-3-methylphenol	12.16	107	211854	48.671	ng		100
37) 2-Methylnaphthalene	12.54	142	414060	45.914	ng		100
38) 1-Methylnaphthalene	12.75	142	392297	44.860	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	208751	44.078	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	253528	97.497	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	151943	49.762	ng		92
44) 2,4,5-Trichlorophenol	13.21	196	165248	49.652	ng		100
46) 1,1'-Biphenyl	13.53	154	530917	45.095	ng		100
47) 2-Chloronaphthalene	13.58	162	412050	45.626	ng		100
48) 2-Nitroaniline	13.80	65	142216	46.686	ng		97
49) Acenaphthylene	14.43	152	688906	44.992	ng		99
50) Dimethylphthalate	14.15	163	629993	54.022	ng		98
51) 2,6-Dinitrotoluene	14.29	165	125736	48.018	ng		100
52) Acenaphthene	14.77	154	403095	45.943	ng		97
53) 3-Nitroaniline	14.62	138	49792	17.964	ng		99
54) 2,4-Dinitrophenol	14.82	184	112620	80.872	ng		95
55) Dibenzofuran	15.10	168	656873	46.592	ng		98
56) 4-Nitrophenol	14.92	139	229916	102.777	ng		97
57) 2,4-Dinitrotoluene	15.07	165	183212	50.355	ng	#	97
58) Fluorene	15.75	166	520536	46.961	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	160347	53.093	ng		99
60) Diethylphthalate	15.51	149	581938	48.765	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	278631	47.027	ng		96
62) 4-Nitroaniline	15.78	138	139929	47.042	ng		97
63) Azobenzene	16.03	77	527980	46.905	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	104641	49.041	ng		97
66) n-Nitrosodiphenylamine	15.95	169	500261	45.012	ng		96
67) 4-Bromophenyl-phenylether	16.63	248	188172	44.027	ng		95
68) Hexachlorobenzene	16.74	284	193722	45.080	ng		97
69) Atrazine	16.89	200	194520	47.051	ng		99
70) Pentachlorophenol	17.09	266	231383	93.132	ng		94
71) Phenanthrene	17.49	178	911320	45.651	ng		99
72) Anthracene	17.58	178	920697	46.078	ng		99
73) Carbazole	17.86	167	897416	47.458	ng		99
74) Di-n-butylphthalate	18.39	149	1042008	46.488	ng		100
75) Fluoranthene	19.50	202	1108618	46.899	ng		99
77) Benzidine	19.68	184	352318	25.786	ng		98
78) Pyrene	19.86	202	1114779	44.804	ng		100
80) Butylbenzylphthalate	20.73	149	485841	45.632	ng		97
81) Benzo(a)anthracene	21.71	228	1027580	44.093	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	161294	18.194	ng		97
83) Chrysene	21.78	228	987872	44.107	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	692613	45.508	ng		99
85) Di-n-octyl phthalate	22.81	149	1178495	45.448	ng		99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1259063	45.962	ng		99
88) Benzo(b)fluoranthene	23.97	252	1078599	44.814	ng		99
89) Benzo(k)fluoranthene	24.04	252	1049446	47.414	ng		98
90) Benzo(a)pyrene	24.87	252	1066915	47.246	ng		100
91) Dibenzo(a,h)anthracene	28.88	278	1015955	48.440	ng		99
92) Benzo(g,h,i)perylene	30.02	276	1040800	48.287	ng		99

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

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