Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041478.D
Acq On : 26 Jun 2019 21:58
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG062619

Quant Time: Jun 27 13:29:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22129	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	86921	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	63041	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	167965	20.00	ng	0.00
76) Chrysene-d12	21.70	240	181934	20.00	ng	0.00
87) Perylene-d12	24.98	264	196339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	100364	80.86	ng	0.00
7) Phenol-d6	7.18	99	144221	82.54	ng	0.00
23) Nitrobenzene-d5	9.21	82	166580	79.93	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	86191	80.07	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	394151	80.23	ng	0.00
79) Terphenyl-d14	20.02	244	700797	81.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	22347	39.774	ng	94
3) Pyridine	3.83	79	60638	42.536	ng	98
4) n-Nitrosodimethylamine	3.75	42	29866	37.649	ng	96
6) Aniline	7.35	93	93117	41.344	ng	99
8) 2-Chlorophenol	7.59	128	56643	40.692	ng	97
9) Benzaldehyde	7.17	77	41549	39.375	ng	93
10) Phenol	7.21	94	70934	40.281	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	53158	38.064	ng	96
12) 1,3-Dichlorobenzene	7.91	146	72849	40.456	ng	99
13) 1,4-Dichlorobenzene	8.07	146	73461	40.468	ng	96
14) 1,2-Dichlorobenzene	8.38	146	71115	40.916	ng	98
15) Benzyl Alcohol	8.28	79	57499	41.322	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	79611	40.594	ng	98
17) 2-Methylphenol	8.48	107	52591	41.026	ng	98
18) Hexachloroethane	9.11	117	28525	39.825	ng	91
19) n-Nitroso-di-n-propylamine	8.84	70	52299	40.127	ng	99
20) 3+4-Methylphenols	8.81	107	70453	41.236	ng	97
22) Acetophenone	8.86	105	102810	39.432	ng	97
24) Nitrobenzene	9.26	77	81935	39.168	ng	98
25) Isophorone	9.77	82	148765	39.758	ng	97
26) 2-Nitrophenol	9.97	139	33828	38.721	ng	94
27) 2,4-Dimethylphenol	10.02	122	47870	39.370	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	78445	39.647	ng	99
29) 2,4-Dichlorophenol	10.51	162	65246	39.728	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	82845	39.357	ng	93
31) Naphthalene	10.90	128	191093	39.753	ng	98
32) Benzoic acid	10.16	122	25723	39.971	ng	97
33) 4-Chloroaniline	11.02	127	81773	40.412	ng	98
34) Hexachlorobutadiene	11.16	225	65006	38.905	ng	97
35) Caprolactam	11.81	113	20460	39.898	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	71966	40.443	ng	98
37) 2-Methylnaphthalene	12.51	142	141191	39.758	ng	95
38) 1-Methylnaphthalene	12.72	142	133643	39.446	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	108433	39.062	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	52514	36.925	ng		91
43) 2,4,6-Trichlorophenol	13.11	196	64435	39.123	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	63333	38.599	ng		96
46) 1,1'-Biphenyl	13.51	154	195711	39.328	ng		97
47) 2-Chloronaphthalene	13.56	162	168193	39.367	ng		99
48) 2-Nitroaniline	13.78	65	57827	39.928	ng		95
49) Acenaphthylene	14.41	152	252147	39.485	ng		98
50) Dimethylphthalate	14.13	163	228970	39.912	ng		99
51) 2,6-Dinitrotoluene	14.26	165	47938	39.376	ng		91
52) Acenaphthene	14.74	154	149920	39.589	ng		97
53) 3-Nitroaniline	14.60	138	44857	38.595	ng		99
54) 2,4-Dinitrophenol	14.81	184	26345	37.357	ng		96
55) Dibenzofuran	15.07	168	260458	39.508	ng		100
56) 4-Nitrophenol	14.91	139	27433	36.574	ng		96
57) 2,4-Dinitrotoluene	15.05	165	71623	40.553	ng	#	97
58) Fluorene	15.73	166	207445	39.553	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	70905	40.992	ng		99
60) Diethylphthalate	15.48	149	232987	39.676	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	134489	39.755	ng		95
62) 4-Nitroaniline	15.76	138	49622	43.808	ng		97
63) Azobenzene	16.00	77	197524	39.896	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	40530	38.961	ng		96
66) n-Nitrosodiphenylamine	15.93	169	183093	39.607	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	91690	39.947	ng		93
68) Hexachlorobenzene	16.72	284	98324	39.758	ng		98
69) Atrazine	16.87	200	77236	39.471	ng		93
70) Pentachlorophenol	17.07	266	45320	40.444	ng		99
71) Phenanthrene	17.47	178	373129	40.320	ng		98
72) Anthracene	17.56	178	372255	40.203	ng		98
73) Carbazole	17.84	167	319644	40.608	ng		99
74) Di-n-butylphthalate	18.37	149	398767	40.307	ng		99
75) Fluoranthene	19.48	202	498463	40.400	ng		99
77) Benzidine	19.66	184	139582	34.578	ng		99
78) Pyrene	19.84	202	505344	40.688	ng		99
80) Butylbenzylphthalate	20.70	149	184461	39.768	ng		97
81) Benzo(a)anthracene	21.68	228	511380	40.430	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	165695	37.831	ng		96
83) Chrysene	21.74	228	488081	39.865	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	253350	38.527	ng		99
85) Di-n-octyl phthalate	22.77	149	440405	39.576	ng		100
86) Indeno(1,2,3-cd)pyrene	28.76	276	581858	39.248	ng	#	99
88) Benzo(b)fluoranthene	23.93	252	496768	39.669	ng		99
89) Benzo(k)fluoranthene	24.00	252	496867	40.413	ng		98
90) Benzo(a)pyrene	24.83	252	473344	39.798	ng		100
91) Dibenzo(a,h)anthracene	28.81	278	477329	40.059	ng		99
92) Benzo(g,h,i)perylene	29.96	276	473655	39.980	ng		99

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

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