Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000340.D
Acq On : 19 Sep 2019 19:16
Operator : HP/JU
Sample : K4962-05MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-4MSD

Quant Time: Sep 20 12:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	228219	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	802657	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	438549	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	825345	20.00	ng		0.00
76) Chrysene-d12	14.00	240	664943	20.00	ng		0.00
87) Perylene-d12	15.48	264	777280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1340649	101.41	ng		0.01
7) Phenol-d6	6.43	99	1712250	105.66	ng		0.00
23) Nitrobenzene-d5	7.35	82	953434	76.64	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	547303	125.82	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2091649	85.84	ng		0.00
79) Terphenyl-d14	12.93	244	2402517	75.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	202101	33.878	ng		98
3) Pyridine	3.28	79	507710	31.614	ng		100
4) n-Nitrosodimethylamine	3.22	42	174381	38.508	ng		96
6) Aniline	6.45	93	270039	12.086	ng	#	89
8) 2-Chlorophenol	6.58	128	643239	45.186	ng		97
9) Benzaldehyde	6.33	77	325565	36.709	ng		100
10) Phenol	6.45	94	824305	44.772	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	571420	40.530	ng		99
12) 1,3-Dichlorobenzene	6.73	146	717246	41.987	ng		99
13) 1,4-Dichlorobenzene	6.81	146	731837	43.059	ng		98
14) 1,2-Dichlorobenzene	6.96	146	665232	42.727	ng		99
15) Benzyl Alcohol	6.93	79	503522	42.699	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	493955	36.954	ng		97
17) 2-Methylphenol	7.05	107	517767	42.466	ng		99
18) Hexachloroethane	7.30	117	218845	34.794	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	343922	40.142	ng		98
20) 3+4-Methylphenols	7.20	107	640985	43.475	ng	#	83
22) Acetophenone	7.20	105	845997	48.636	ng		98
24) Nitrobenzene	7.37	77	587770	45.487	ng		98
25) Isophorone	7.61	82	1082118	43.928	ng		98
26) 2-Nitrophenol	7.69	139	239130	34.908	ng		96
27) 2,4-Dimethylphenol	7.73	122	552872	50.668	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	719034	43.886	ng		100
29) 2,4-Dichlorophenol	7.93	162	568353	48.599	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	629700	46.976	ng		99
31) Naphthalene	8.10	128	1795311	48.295	ng		99
32) Benzoic acid	7.83	122	251632	34.154	ng		98
33) 4-Chloroaniline	8.14	127	240085	14.271	ng		98
34) Hexachlorobutadiene	8.22	225	387550	48.795	ng		99
35) Caprolactam	8.50	113	184416	46.355	ng		95
36) 4-Chloro-3-methylphenol	8.63	107	574270	48.372	ng		99
37) 2-Methylnaphthalene	8.79	142	1238496	48.736	ng		99
38) 1-Methylnaphthalene	8.89	142	1149872	48.304	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	652843	52.066	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	195148	27.103	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	423816	48.847	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	453930	51.094	ng		97
46) 1,1'-Biphenyl	9.26	154	1526328	50.311	ng		98
47) 2-Chloronaphthalene	9.28	162	1191006	46.799	ng		98
48) 2-Nitroaniline	9.37	65	301267	46.616	ng		96
49) Acenaphthylene	9.70	152	1862894	48.697	ng		99
50) Dimethylphthalate	9.56	163	1650134	55.227	ng		98
51) 2,6-Dinitrotoluene	9.62	165	297008	45.209	ng		89
52) Acenaphthene	9.87	154	1077242	44.623	ng		99
53) 3-Nitroaniline	9.78	138	260730	34.191	ng		99
54) 2,4-Dinitrophenol	9.89	184	13618	4.692	ng		96
55) Dibenzofuran	10.04	168	1671176	48.970	ng		98
56) 4-Nitrophenol	9.95	139	463841	81.781	ng		94
57) 2,4-Dinitrotoluene	10.02	165	366016	42.617	ng		94
58) Fluorene	10.39	166	1266126	48.033	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	379822	51.956	ng		95
60) Diethylphthalate	10.26	149	1372274	47.744	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	669330	49.468	ng		95
62) 4-Nitroaniline	10.40	138	355389	47.381	ng		94
63) Azobenzene	10.54	77	1112175	45.673	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	15506	3.996	ng		92
66) n-Nitrosodiphenylamine	10.50	169	1194339	48.070	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	451244	48.349	ng		100
68) Hexachlorobenzene	10.95	284	486719	47.702	ng		98
69) Atrazine	11.03	200	383855	Below Cal			99
70) Pentachlorophenol	11.14	266	510282	91.825	ng		100
71) Phenanthrene	11.36	178	1970089	47.633	ng		100
72) Anthracene	11.40	178	2030629	47.698	ng		100
73) Carbazole	11.56	167	1846963	48.174	ng		99
74) Di-n-butylphthalate	11.90	149	2103856	43.353	ng		99
75) Fluoranthene	12.56	202	2124582	47.838	ng		95
77) Benzidine	12.68	184	1278191	53.823	ng		98
78) Pyrene	12.79	202	2142132	43.059	ng		100
80) Butylbenzylphthalate	13.41	149	919422	40.221	ng		100
81) Benzo(a)anthracene	13.99	228	1933780	46.039	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	770689	45.656	ng		99
83) Chrysene	14.03	228	1893835	45.922	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1178372	42.942	ng		100
85) Di-n-octyl phthalate	14.60	149	2075936	40.818	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2081606	41.409	ng		95
88) Benzo(b)fluoranthene	15.05	252	2119380	45.706	ng	#	98
89) Benzo(k)fluoranthene	15.08	252	1971863	48.751	ng	#	97
90) Benzo(a)pyrene	15.42	252	2006714	47.561	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1761504	44.779	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1580258	39.082	ng		95

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

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