Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001274.D
Acq On : 09 Dec 2019 17:18
Operator : JU
Sample : K6187-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RPC-BOT-WMSD

Manual Integrations APPROVED
mohammad
12/10/2019 3:46:55 PM

Quant Time: Dec 10 04:49:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	66834	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	241120	20.00	ng		0.00
39) Acenaphthene-d10	13.21	164	137332	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	268521	20.00	ng		0.00
76) Chrysene-d12	19.25	240	212805	20.00	ng		0.00
87) Perylene-d12	21.02	264	228567	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	579961	143.97	ng		0.02
7) Phenol-d6	7.77	99	810392	151.00	ng		0.00
23) Nitrobenzene-d5	9.19	82	555905	100.03	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	227663	172.95	ng		0.00
45) 2-Fluorobiphenyl	12.13	172	937674	99.93	ng		0.00
79) Terphenyl-d14	17.89	244	1128950	98.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	76625	40.723	ng		96
3) Pyridine	3.45	79	208845	39.999	ng		97
4) n-Nitrosodimethylamine	3.36	42	143473	63.501	ng		85
6) Aniline	7.79	93	236783	33.276	ng	#	1
8) 2-Chlorophenol	7.98	128	222245	53.323	ng		97
9) Benzaldehyde	7.60	77	95714	28.329	ng		97
10) Phenol	7.79	94	348436	57.078	ng		100
11) bis(2-Chloroethyl)ether	7.92	93	229186	48.213	ng		98
12) 1,3-Dichlorobenzene	8.22	146	249763	50.558	ng		97
13) 1,4-Dichlorobenzene	8.34	146	256561	51.555	ng		99
14) 1,2-Dichlorobenzene	8.57	146	242995	51.883	ng		99
15) Benzyl Alcohol	8.55	79	262452	59.574	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	359069	46.983	ng		99
17) 2-Methylphenol	8.73	107	198260	51.857	ng		98
18) Hexachloroethane	9.12	117	107845	52.386	ng		93
19) n-Nitroso-di-n-propylamine	8.98	70	201757	52.099	ng		99
20) 3+4-Methylphenols	8.98	107	258446	53.626	ng		99
22) Acetophenone	8.96	105	377811	53.312	ng	#	98
24) Nitrobenzene	9.22	77	305935	55.359	ng		98
25) Isophorone	9.62	82	523493	52.529	ng		99
26) 2-Nitrophenol	9.73	139	115411	57.015	ng		96
27) 2,4-Dimethylphenol	9.83	122	203012	63.315	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	294848	47.155	ng		99
29) 2,4-Dichlorophenol	10.13	162	205045	56.187	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	225252	52.847	ng		96
31) Naphthalene	10.38	128	654495	53.148	ng		99
32) Benzoic acid	10.03	122	116947	50.451	ng		94
33) 4-Chloroaniline	10.47	127	85947	16.083	ng		97
34) Hexachlorobutadiene	10.60	225	152182	56.756	ng		97
35) Caprolactam	11.06	113	60812m	48.351	ng		
36) 4-Chloro-3-methylphenol	11.29	107	242185	55.974	ng		98
37) 2-Methylnaphthalene	11.51	142	450860	53.655	ng		98
38) 1-Methylnaphthalene	11.67	142	422453	53.221	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	239345	55.302	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	314129	157.332 ng	98
43) 2,4,6-Trichlorophenol	11.97	196	156599	55.416 ng	99
44) 2,4,5-Trichlorophenol	12.04	196	168357	57.501 ng	98
46) 1,1'-Biphenyl	12.28	154	567018	53.424 ng	99
47) 2-Chloronaphthalene	12.30	162	441597	52.088 ng	99
48) 2-Nitroaniline	12.47	65	177852	53.527 ng	96
49) Acenaphthylene	12.97	152	694816	54.676 ng	100
50) Dimethylphthalate	12.80	163	608878	59.281 ng	99
51) 2,6-Dinitrotoluene	12.89	165	114864	52.242 ng	98
52) Acenaphthene	13.26	154	405413	53.035 ng	99
53) 3-Nitroaniline	13.14	138	61184	24.772 ng	100
54) 2,4-Dinitrophenol	13.33	184	104715	113.346 ng	91
55) Dibenzofuran	13.55	168	631440	54.971 ng	99
56) 4-Nitrophenol	13.45	139	189324	108.175 ng	89
57) 2,4-Dinitrotoluene	13.55	165	158481	57.505 ng	92
58) Fluorene	14.11	166	505671	54.938 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	137759	57.237 ng	97
60) Diethylphthalate	13.97	149	558009	52.469 ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	255437	54.498 ng	99
62) 4-Nitroaniline	12.47	138	138331	48.308 ng	96
63) Azobenzene	14.39	77	609945	53.058 ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	69744	58.918 ng	93
66) n-Nitrosodiphenylamine	14.32	169	436415	53.490 ng	99
67) 4-Bromophenyl-phenylether	14.92	248	154213	52.899 ng	97
68) Hexachlorobenzene	15.01	284	167659	52.312 ng	97
69) Atrazine	15.22	200	143245	57.502 ng	98
70) Pentachlorophenol	15.32	266	202932	121.486 ng	98
71) Phenanthrene	15.65	178	757845	53.683 ng	99
72) Anthracene	15.72	178	779665	56.033 ng	98
73) Carbazole	15.97	167	698749	55.187 ng	99
74) Di-n-butylphthalate	16.52	149	901678	52.966 ng	99
75) Fluoranthene	17.35	202	848470	56.773 ng	99
77) Benzidine	17.54	184	391119	71.184 ng	99
78) Pyrene	17.66	202	868237	51.801 ng	100
80) Butylbenzylphthalate	18.54	149	395489	51.086 ng	99
81) Benzo(a)anthracene	19.24	228	762178	51.657 ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	207848	42.641 ng	96
83) Chrysene	19.29	228	736926	55.776 ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	561445	52.748 ng	99
85) Di-n-octyl phthalate	20.07	149	978034	51.727 ng	100
86) Indeno(1,2,3-cd)pyrene	22.67	276	809769	52.005 ng	98
88) Benzo(b)fluoranthene	20.54	252	729374	52.244 ng	99
89) Benzo(k)fluoranthene	20.57	252	728128	54.151 ng	100
90) Benzo(a)pyrene	20.95	252	710063	55.218 ng	98
91) Dibenzo(a,h)anthracene	22.69	278	672701	53.456 ng	98
92) Benzo(g,h,i)perylene	23.16	276	666149	53.608 ng	96

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

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