Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091720\
Data File : BM027448.D
Acq On : 17 Sep 2020 15:39
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 18:26:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 18:05:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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9/21/2020 10:32:47 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.504	152	78087	20.00	ng		0.00
21) Naphthalene-d8	10.269	136	273969	20.00	ng		0.00
39) Acenaphthene-d10	14.151	164	196484	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	472651	20.00	ng		# 0.00
76) Chrysene-d12	21.103	240	563623	20.00	ng		# 0.00
86) Perylene-d12	23.244	264	615930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.122	112	43569	9.29	ng		0.00
7) Phenol-d6	6.693	99	55190	8.72	ng		0.00
23) Nitrobenzene-d5	8.645	82	64647	10.08	ng		0.00
42) 2,4,6-Tribromophenol	15.645	330	29867	8.67	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	148807	10.07	ng		0.00
79) Terphenyl-d14	19.545	244	285710	8.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	13022	6.51	ng		94
3) Pyridine	3.487	79	29952	5.16	ng	#	96
4) n-Nitrosodimethylamine	3.399	42	12641	5.51	ng	#	72
6) Aniline	6.840	93	31240	4.06	ng		97
8) 2-Chlorophenol	7.075	128	22086	4.63	ng		95
9) Benzaldehyde	6.651	77	22385	4.50	ng		86
10) Phenol	6.722	94	27234	4.48	ng		98
11) bis(2-Chloroethyl)ether	6.940	93	24888	4.86	ng		95
12) 1,3-Dichlorobenzene	7.393	146	30704	5.17	ng		96
13) 1,4-Dichlorobenzene	7.534	146	31117	5.21	ng		96
14) 1,2-Dichlorobenzene	7.846	146	31227	5.44	ng		98
15) Benzyl Alcohol	7.751	79	21055	3.87	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.045	45	18030	4.65	ng		94
17) 2-Methylphenol	7.957	107	17250	4.18	ng		96
18) Hexachloroethane	8.569	117	12825	5.36	ng		89
19) n-Nitroso-di-n-propyla...	8.310	70	21961	4.36	ng		97
20) 3+4-Methylphenols	8.281	107	22056	3.91	ng		90
22) Acetophenone	8.316	105	37419	4.85	ng	#	92
24) Nitrobenzene	8.687	77	34625	5.19	ng		99
25) Isophorone	9.216	82	49890	4.42	ng		95
26) 2-Nitrophenol	9.398	139	9632	3.89	ng		99
27) 2,4-Dimethylphenol	9.469	122	14929	3.53	ng		97
28) bis(2-Chloroethoxy)met...	9.698	93	31203	4.82	ng		97
29) 2,4-Dichlorophenol	9.934	162	20543	4.22	ng		97
30) 1,2,4-Trichlorobenzene	10.139	180	31001	5.33	ng		97
31) Naphthalene	10.316	128	71433	4.87	ng		98
33) 4-Chloroaniline	10.439	127	23042	3.70	ng		97
34) Hexachlorobutadiene	10.616	225	23252	5.91	ng		99
35) Caprolactam	11.204	113	4348	3.03	ng		97
36) 4-Chloro-3-methylphenol	11.575	107	20538	3.92	ng		94
37) 2-Methylnaphthalene	11.939	142	53430	4.65	ng		96
38) 1-Methylnaphthalene	12.163	142	50982m	4.72	ng		
40) 1,2,4,5-Tetrachloroben...	12.322	216	35827	5.06	ng		98
41) Hexachlorocyclopentadiene	12.310	237	14572	3.13	ng		99
43) 2,4,6-Trichlorophenol	12.575	196	19194	4.43	ng		99
44) 2,4,5-Trichlorophenol	12.645	196	19743	4.19	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.975	154	75847	4.88	ng		99
47) 2-Chloronaphthalene	13.010	162	62798	5.09	ng		99
48) 2-Nitroaniline	13.227	65	14703	3.90	ng		92
49) Acenaphthylene	13.863	152	84993	4.55	ng		96
50) Dimethylphthalate	13.616	163	82608	5.12	ng		98
51) 2,6-Dinitrotoluene	13.727	165	15018	4.37	ng	#	85
52) Acenaphthene	14.216	154	57009	4.92	ng		97
53) 3-Nitroaniline	14.063	138	10762	3.48	ng		99
55) Dibenzofuran	14.551	168	98782	5.04	ng		96
57) 2,4-Dinitrotoluene	14.527	165	18529	3.89	ng	#	87
58) Fluorene	15.204	166	77712	4.72	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.786	232	21167	4.64	ng		96
60) Diethylphthalate	14.992	149	81793	4.92	ng		97
61) 4-Chlorophenyl-phenyle...	15.210	204	46915	5.19	ng		96
62) 4-Nitroaniline	15.221	138	9021	2.78	ng		88
63) Azobenzene	15.498	77	80448	4.68	ng		96
66) n-Nitrosodiphenylamine	15.421	169	66011	4.51	ng		98
67) 4-Bromophenyl-phenylether	16.104	248	28614	4.90	ng		92
68) Hexachlorobenzene	16.216	284	34937	5.13	ng		97
69) Atrazine	16.380	200	23928	5.59	ng		98
71) Phenanthrene	16.939	178	134278	4.89	ng		97
72) Anthracene	17.027	178	120158	4.33	ng		98
73) Carbazole	17.304	167	98104	4.05	ng		97
74) Di-n-butylphthalate	17.892	149	128005	4.39	ng		99
75) Fluoranthene	18.962	202	152944	4.59	ng		98
78) Pyrene	19.327	202	162766	4.23	ng		99
80) Butylbenzylphthalate	20.256	149	55892	3.89	ng		97
81) Benzo(a)anthracene	21.086	228	174935	4.65	ng		99
82) 3,3'-Dichlorobenzidine	21.027	252	49816	3.50	ng	#	92
83) Chrysene	21.139	228	177929	4.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.051	149	90315	4.33	ng		97
85) Di-n-octyl phthalate	21.903	149	146915	4.23	ng		98
87) Indeno(1,2,3-cd)pyrene	25.362	276	225967	5.41	ng		98
88) Benzo(b)fluoranthene	22.609	252	186455	4.35	ng		97
89) Benzo(k)fluoranthene	22.650	252	187845	4.54	ng		98
90) Benzo(a)pyrene	23.150	252	167967	4.64	ng		97
91) Dibenzo(a,h)anthracene	25.374	278	183741	5.21	ng		95
92) Benzo(g,h,i)perylene	26.003	276	193400	5.69	ng		99

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

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