Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001438.D
Acq On : 27 Dec 2019 01:26
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
12/27/2019 3:18:32 PM

Quant Time: Dec 27 08:25:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28358	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	95316	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	56795	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	112207	20.00	ng		0.00
76) Chrysene-d12	19.23	240	89362	20.00	ng		0.00
87) Perylene-d12	20.99	264	92768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	132045	75.26	ng		0.00
7) Phenol-d6	7.75	99	174464	76.20	ng		0.00
23) Nitrobenzene-d5	9.18	82	183035	73.74	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	58125	81.86	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	370396	82.47	ng		0.00
79) Terphenyl-d14	17.86	244	443445	84.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	27486	38.064	ng		93
3) Pyridine	3.34	79	67940	34.442	ng		100
4) n-Nitrosodimethylamine	3.26	42	47000	37.629	ng		98
6) Aniline	7.76	93	109219	37.895	ng	#	80
8) 2-Chlorophenol	7.96	128	68560	38.866	ng		93
9) Benzaldehyde	7.58	77	50897	31.690	ng		97
10) Phenol	7.78	94	96102	36.736	ng		82
11) bis(2-Chloroethyl)ether	7.89	93	65841	35.576	ng		96
12) 1,3-Dichlorobenzene	8.19	146	85629	38.972	ng		97
13) 1,4-Dichlorobenzene	8.31	146	88082	39.348	ng		98
14) 1,2-Dichlorobenzene	8.55	146	84152	39.460	ng		96
15) Benzyl Alcohol	8.53	79	75212	35.010	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	90148	30.756	ng		91
17) 2-Methylphenol	8.72	107	58217	37.348	ng		98
18) Hexachloroethane	9.09	117	34690	36.428	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	57099	35.130	ng		99
20) 3+4-Methylphenols	8.97	107	77449	37.442	ng		93
22) Acetophenone	8.93	105	114429	37.964	ng	#	99
24) Nitrobenzene	9.20	77	89946	36.818	ng		98
25) Isophorone	9.60	82	142564	35.721	ng		97
26) 2-Nitrophenol	9.71	139	35031	40.214	ng		92
27) 2,4-Dimethylphenol	9.82	122	50400	39.337	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	85344	35.803	ng		99
29) 2,4-Dichlorophenol	10.12	162	65283	41.151	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	79399	40.688	ng		99
31) Naphthalene	10.36	128	207224	39.828	ng		99
32) Benzoic acid	10.01	122	31365	32.133	ng		90
33) 4-Chloroaniline	10.46	127	84399	39.665	ng		96
34) Hexachlorobutadiene	10.58	225	54770	40.240	ng		93
35) Caprolactam	11.04	113	18465	39.116	ng		89
36) 4-Chloro-3-methylphenol	11.28	107	68532	36.966	ng		97
37) 2-Methylnaphthalene	11.49	142	146489	40.782	ng		100
38) 1-Methylnaphthalene	11.65	142	137779	40.800	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	86754	41.311	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	28191	27.142	ng		99
43) 2,4,6-Trichlorophenol	11.96	196	51699	40.030	ng		97
44) 2,4,5-Trichlorophenol	12.03	196	53344	40.200	ng		98
46) 1,1'-Biphenyl	12.26	154	193139	40.637	ng		98
47) 2-Chloronaphthalene	12.28	162	154349	40.172	ng		98
48) 2-Nitroaniline	12.45	65	55874	36.316	ng		97
49) Acenaphthylene	12.95	152	221857	39.500	ng		100
50) Dimethylphthalate	12.78	163	179549	38.535	ng		99
51) 2,6-Dinitrotoluene	12.86	165	36882	38.983	ng		88
52) Acenaphthene	13.24	154	133904	39.569	ng		99
53) 3-Nitroaniline	13.13	138	38107	37.526	ng		91
54) 2,4-Dinitrophenol	13.30	184	10543	28.859	ng		93
55) Dibenzofuran	13.52	168	213766	40.316	ng		97
56) 4-Nitrophenol	13.45	139	20509	28.244	ng		98
57) 2,4-Dinitrotoluene	13.52	165	51977	39.527	ng	#	93
58) Fluorene	14.09	166	170762	40.266	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	43100m	37.832	ng		
60) Diethylphthalate	13.94	149	178455	37.133	ng		98
61) 4-Chlorophenyl-phenylether	14.10	204	91797	41.177	ng		98
62) 4-Nitroaniline	12.45	138	47097	40.050	ng		94
63) Azobenzene	14.36	77	179897	35.557	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	18456	36.726	ng		99
66) n-Nitrosodiphenylamine	14.30	169	144140	40.520	ng		98
67) 4-Bromophenyl-phenylether	14.90	248	54262	40.902	ng		93
68) Hexachlorobenzene	14.99	284	62360	41.291	ng		95
69) Atrazine	15.19	200	44781	35.046	ng		95
70) Pentachlorophenol	15.30	266	26078	33.671	ng		89
71) Phenanthrene	15.62	178	253847	39.653	ng		99
72) Anthracene	15.70	178	252754	39.883	ng		100
73) Carbazole	15.95	167	216648	38.344	ng		99
74) Di-n-butylphthalate	16.49	149	280077	36.122	ng		99
75) Fluoranthene	17.33	202	278540	38.912	ng		98
77) Benzidine	17.52	184	104399	40.126	ng		99
78) Pyrene	17.63	202	279363	40.263	ng		99
80) Butylbenzylphthalate	18.52	149	119052	36.804	ng		92
81) Benzo(a)anthracene	19.22	228	254437	39.074	ng		99
82) 3,3'-Dichlorobenzidine	19.18	252	92709	41.001	ng		97
83) Chrysene	19.26	228	249847	39.752	ng		100
84) Bis(2-ethylhexyl)phthalate	19.26	149	167800	35.351	ng		98
85) Di-n-octyl phthalate	20.04	149	276876	35.194	ng		97
86) Indeno(1,2,3-cd)pyrene	22.62	276	262239	38.633	ng		98
88) Benzo(b)fluoranthene	20.51	252	235491	38.653	ng		98
89) Benzo(k)fluoranthene	20.55	252	241063	41.538	ng		99
90) Benzo(a)pyrene	20.92	252	223426	40.257	ng		99
91) Dibenzo(a,h)anthracene	22.64	278	223064	41.107	ng		98
92) Benzo(g,h,i)perylene	23.10	276	201354	38.832	ng		99

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

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