Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101920\
Data File : BP003662.D
Acq On : 19 Oct 2020 10:30
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
10/20/2020 2:58:09 PM

Quant Time: Oct 19 13:01:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 12:58:31 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	100416	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	362232	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	241028	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	539244	20.00	ng		0.00
76) Chrysene-d12	21.845	240	576342	20.00	ng	#	0.00
86) Perylene-d12	24.415	264	543806	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.016	112	60397	10.34	ng		0.00
7) Phenol-d6	7.669	99	87000	10.23	ng		0.00
23) Nitrobenzene-d5	9.687	82	81736	10.46	ng		-0.01
42) 2,4,6-Tribromophenol	16.592	330	33065	10.29	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	189503	10.31	ng		0.00
79) Terphenyl-d14	20.304	244	322707	10.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	13883	5.55	ng	#	86
3) Pyridine	4.128	79	37867	5.19	ng		93
4) n-Nitrosodimethylamine	4.022	42	16403	5.24	ng	#	61
6) Aniline	7.822	93	47805	4.80	ng	#	84
8) 2-Chlorophenol	8.093	128	30881	5.20	ng		81
9) Benzaldehyde	7.622	77	28773	5.42	ng	#	76
10) Phenol	7.699	94	41067	5.00	ng		74
11) bis(2-Chloroethyl)ether	7.904	93	33760	5.12	ng		91
12) 1,3-Dichlorobenzene	8.422	146	41039	5.32	ng	#	89
13) 1,4-Dichlorobenzene	8.563	146	40885	5.28	ng		92
14) 1,2-Dichlorobenzene	8.898	146	39238	5.28	ng	#	93
15) Benzyl Alcohol	8.751	79	31919	4.67	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.051	45	34656	5.13	ng		99
17) 2-Methylphenol	8.969	107	26635	4.78	ng	#	83
18) Hexachloroethane	9.651	117	15674	5.21	ng		89
19) n-Nitroso-di-n-propyla...	9.322	70	25849	4.56	ng	#	84
20) 3+4-Methylphenols	9.298	107	36762	4.96	ng		92
22) Acetophenone	9.346	105	54745	5.12	ng	#	89
24) Nitrobenzene	9.734	77	39952	5.19	ng	#	77
25) Isophorone	10.257	82	64313	4.41	ng	#	88
26) 2-Nitrophenol	10.469	139	12565	5.40	ng	#	64
27) 2,4-Dimethylphenol	10.516	122	24294	5.06	ng		93
28) bis(2-Chloroethoxy)met...	10.728	93	44770	4.99	ng		97
29) 2,4-Dichlorophenol	11.016	162	29456	4.91	ng		95
30) 1,2,4-Trichlorobenzene	11.234	180	41432	5.21	ng		99
31) Naphthalene	11.422	128	101049	5.20	ng		99
32) Benzoic acid	10.592	122	8659	3.89	ng	#	85
33) 4-Chloroaniline	11.498	127	38531	4.59	ng	#	86
34) Hexachlorobutadiene	11.734	225	31731	5.38	ng		99
35) Caprolactam	12.192	113	7858	4.13	ng	#	51
36) 4-Chloro-3-methylphenol	12.598	107	32432	4.74	ng	#	79
37) 2-Methylnaphthalene	12.986	142	71620	4.96	ng	#	93
38) 1-Methylnaphthalene	13.204	142	68334m	5.03	ng		
40) 1,2,4,5-Tetrachloroben...	13.357	216	48548	5.31	ng		98
41) Hexachlorocyclopentadiene	13.357	237	24330	4.78	ng		99
43) 2,4,6-Trichlorophenol	13.575	196	25628	5.06	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	27521	5.17	ng	#	94
46) 1,1'-Biphenyl	13.963	154	97064	5.21	ng		98
47) 2-Chloronaphthalene	14.010	162	81358	5.25	ng		99
48) 2-Nitroaniline	14.181	65	18710	4.86	ng	#	60
49) Acenaphthylene	14.845	152	111387	4.93	ng		100
50) Dimethylphthalate	14.539	163	98639	4.98	ng		99
51) 2,6-Dinitrotoluene	14.651	165	18105	5.08	ng	#	54
52) Acenaphthene	15.186	154	74597	5.07	ng		96
53) 3-Nitroaniline	14.986	138	17194	4.78	ng	#	52
54) 2,4-Dinitrophenol	15.186	184	5040	3.61	ng	#	1
55) Dibenzofuran	15.510	168	118221	5.17	ng		96
56) 4-Nitrophenol	15.286	139	12320	4.77	ng	#	46
57) 2,4-Dinitrotoluene	15.439	165	23293	5.05	ng	#	70
58) Fluorene	16.151	166	92621	5.01	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.739	232	25670	5.24	ng		92
60) Diethylphthalate	15.886	149	95671	4.92	ng		99
61) 4-Chlorophenyl-phenyle...	16.128	204	56972	5.20	ng		97
62) 4-Nitroaniline	16.133	138	18787	4.70	ng	#	55
63) Azobenzene	16.422	77	90383	4.83	ng		87
66) n-Nitrosodiphenylamine	16.333	169	81162	5.04	ng		95
67) 4-Bromophenyl-phenylether	17.016	248	36019	5.09	ng		97
68) Hexachlorobenzene	17.180	284	41508	5.13	ng		98
69) Atrazine	17.251	200	30567	4.87	ng		98
71) Phenanthrene	17.880	178	154418	5.15	ng		99
72) Anthracene	17.969	178	143686	4.92	ng		99
73) Carbazole	18.210	167	127916	4.85	ng		98
74) Di-n-butylphthalate	18.716	149	143717	4.47	ng	#	98
75) Fluoranthene	19.792	202	182791	4.93	ng		98
77) Benzidine	19.933	184	78271	5.79	ng		99
78) Pyrene	20.139	202	187715	4.90	ng		98
80) Butylbenzylphthalate	20.939	149	59564	4.45	ng	#	75
81) Benzo(a)anthracene	21.827	228	190087	4.90	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	65694	4.79	ng		99
83) Chrysene	21.886	228	186460	5.09	ng		99
84) Bis(2-ethylhexyl)phtha...	21.692	149	86152	4.24	ng		100
85) Di-n-octyl phthalate	22.651	149	137783	4.20	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.086	276	189900	4.60	ng	#	91
88) Benzo(b)fluoranthene	23.627	252	181399	4.80	ng	#	97
89) Benzo(k)fluoranthene	23.674	252	178298	5.03	ng	#	97
90) Benzo(a)pyrene	24.298	252	161936	4.76	ng	#	95
91) Dibenzo(a,h)anthracene	27.086	278	156333	4.54	ng	#	93
92) Benzo(g,h,i)perylene	27.915	276	148727	4.58	ng	#	92

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

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