Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028134.D
Acq On : 15 Dec 2020 19:21
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
12/17/2020 9:54:15 AM

Quant Time: Dec 16 00:50:46 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 00:46:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.216	152	170947	20.00	ng		0.00
21) Naphthalene-d8	11.045	136	680170	20.00	ng		# 0.00
39) Acenaphthene-d10	14.845	164	408034	20.00	ng		0.00
64) Phenanthrene-d10	17.557	188	826438	20.00	ng		# 0.00
76) Chrysene-d12	21.674	240	687470	20.00	ng		# 0.00
86) Perylene-d12	24.038	264	582487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.710	112	1283337	118.62	ng		0.00
7) Phenol-d6	7.363	99	1857133	122.13	ng		0.00
23) Nitrobenzene-d5	9.398	82	1784510	119.69	ng		0.00
42) 2,4,6-Tribromophenol	16.315	330	718242	147.41	ng		0.00
45) 2-Fluorobiphenyl	13.474	172	4003698	140.01	ng		0.00
79) Terphenyl-d14	20.133	244	5113375	146.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	250952	54.02	ng	#	67
3) Pyridine	3.893	79	757800	56.91	ng	#	50
4) n-Nitrosodimethylamine	3.799	42	389833	47.22	ng	#	61
6) Aniline	7.534	93	1041445	60.71	ng		97
8) 2-Chlorophenol	7.775	128	744405	68.53	ng		97
9) Benzaldehyde	7.340	77	416885m	53.23	ng		
10) Phenol	7.387	94	874581	60.83	ng		87
11) bis(2-Chloroethyl)ether	7.628	93	720398	65.26	ng		91
12) 1,3-Dichlorobenzene	8.104	146	855885	64.56	ng	#	92
13) 1,4-Dichlorobenzene	8.251	146	871013	65.36	ng		98
14) 1,2-Dichlorobenzene	8.575	146	840196	66.28	ng		99
15) Benzyl Alcohol	8.457	79	670741	55.11	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.751	45	1285009	72.80	ng		70
17) 2-Methylphenol	8.657	107	622194	64.36	ng	#	89
18) Hexachloroethane	9.316	117	330546	62.64	ng		89
19) n-Nitroso-di-n-propyla...	9.039	70	590989	59.42	ng	#	65
20) 3+4-Methylphenols	8.992	107	848930	66.05	ng		90
22) Acetophenone	9.051	105	1123249	58.15	ng	#	90
24) Nitrobenzene	9.439	77	867941	56.60	ng	#	89
25) Isophorone	9.969	82	1506608	58.24	ng		95
26) 2-Nitrophenol	10.151	139	414890	82.23	ng	#	83
27) 2,4-Dimethylphenol	10.198	122	604662	61.06	ng		90
28) bis(2-Chloroethoxy)met...	10.439	93	1031836	66.29	ng		98
29) 2,4-Dichlorophenol	10.686	162	716810	66.88	ng		99
30) 1,2,4-Trichlorobenzene	10.904	180	807244	61.84	ng		98
31) Naphthalene	11.098	128	2450599	68.16	ng		99
32) Benzoic acid	10.375	122	551640	94.63	ng	#	84
33) 4-Chloroaniline	11.198	127	1062180	67.17	ng		93
34) Hexachlorobutadiene	11.375	225	476923	56.33	ng		99
35) Caprolactam	12.016	113	242584	67.89	ng	#	51
36) 4-Chloro-3-methylphenol	12.304	107	761671	61.12	ng		93
37) 2-Methylnaphthalene	12.692	142	1744897	68.42	ng		96
38) 1-Methylnaphthalene	12.910	142	1654347	68.43	ng		100
40) 1,2,4,5-Tetrachloroben...	13.051	216	835385	64.79	ng		99
41) Hexachlorocyclopentadiene	13.027	237	464148	66.17	ng		100
43) 2,4,6-Trichlorophenol	13.286	196	584669	69.78	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.357	196	605468	67.47	ng		97
46) 1,1'-Biphenyl	13.686	154	2190517	70.26	ng		98
47) 2-Chloronaphthalene	13.733	162	1776314	68.79	ng		98
48) 2-Nitroaniline	13.927	65	577341	66.44	ng		88
49) Acenaphthylene	14.569	152	2718853	69.71	ng		100
50) Dimethylphthalate	14.298	163	2160117	66.08	ng		99
51) 2,6-Dinitrotoluene	14.416	165	469772	73.15	ng		88
52) Acenaphthene	14.910	154	1830166	71.59	ng		99
53) 3-Nitroaniline	14.745	138	542665	74.51	ng		88
54) 2,4-Dinitrophenol	14.945	184	282905	104.31	ng		89
55) Dibenzofuran	15.239	168	2543243	66.85	ng		99
56) 4-Nitrophenol	15.033	139	430725	72.94	ng	#	74
57) 2,4-Dinitrotoluene	15.192	165	637379	73.24	ng		94
58) Fluorene	15.880	166	2085028	66.87	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	546997	69.43	ng		94
60) Diethylphthalate	15.645	149	2223168	66.72	ng		99
61) 4-Chlorophenyl-phenyle...	15.863	204	1034252	64.43	ng		94
62) 4-Nitroaniline	15.898	138	582816	70.60	ng	#	81
63) Azobenzene	16.157	77	2075644	60.13	ng		90
65) 4,6-Dinitro-2-methylph...	15.951	198	341076	102.54	ng		81
66) n-Nitrosodiphenylamine	16.080	169	1814460	72.75	ng		99
67) 4-Bromophenyl-phenylether	16.751	248	650819	73.63	ng		95
68) Hexachlorobenzene	16.874	284	737547	71.95	ng		97
69) Atrazine	17.010	200	574899	68.08	ng		98
70) Pentachlorophenol	17.210	266	442787	79.71	ng		99
71) Phenanthrene	17.604	178	3209800	68.82	ng		100
72) Anthracene	17.692	178	3156337	69.22	ng		99
73) Carbazole	17.957	167	2949170	68.05	ng		99
74) Di-n-butylphthalate	18.492	149	3756285	73.80	ng		99
75) Fluoranthene	19.586	202	3493283	63.73	ng		96
77) Benzidine	19.756	184	1129754	57.74	ng		99
78) Pyrene	19.945	202	3543074	74.29	ng		99
80) Butylbenzylphthalate	20.803	149	1559442	86.42	ng		98
81) Benzo(a)anthracene	21.656	228	3018625	65.04	ng		100
82) 3,3'-Dichlorobenzidine	21.580	252	946655	59.45	ng	#	98
83) Chrysene	21.715	228	2877012	64.27	ng		100
84) Bis(2-ethylhexyl)phtha...	21.562	149	2140309	81.14	ng		98
85) Di-n-octyl phthalate	22.474	149	3254709	73.11	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.491	276	2540747	59.66	ng	#	89
88) Benzo(b)fluoranthene	23.327	252	2667372	67.17	ng	#	97
89) Benzo(k)fluoranthene	23.374	252	2515242	66.54	ng	#	96
90) Benzo(a)pyrene	23.939	252	2355327	64.27	ng	#	96
91) Dibenzo(a,h)anthracene	26.497	278	2115947	60.77	ng	#	94
92) Benzo(g,h,i)perylene	27.238	276	2066969	60.67	ng	#	91

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

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