Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
Data File : BM022477.D
Acq On : 01 Sep 2019 15:07
Operator : HP/JU
Sample : K4619-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP1-COMPMS

Manual Integrations APPROVED
mohammad
9/6/2019 8:16:38 AM

Quant Time: Sep 02 04:16:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 02 03:54:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	13099	20.00	ng		0.00
21) Naphthalene-d8	10.27	136	49366	20.00	ng		0.00
39) Acenaphthene-d10	14.16	164	31809	20.00	ng		0.00
64) Phenanthrene-d10	16.93	188	76442	20.00	ng		0.00
76) Chrysene-d12	21.16	240	123745	20.00	ng		0.00
87) Perylene-d12	23.34	264	141333	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	73528	98.53	ng		0.00
7) Phenol-d6	6.70	99	99368	99.58	ng		0.00
23) Nitrobenzene-d5	8.68	82	70847	62.86	ng		0.00
42) 2,4,6-Tribromophenol	15.68	330	55715	85.60	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	159046	56.64	ng		0.00
79) Terphenyl-d14	19.58	244	410967	43.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	11157	32.400	ng	#	81
3) Pyridine	3.55	79	7513	9.070	ng		92
4) n-Nitrosodimethylamine	3.45	42	20600	36.072	ng	#	89
6) Aniline	6.86	93	23068	18.138	ng		96
8) 2-Chlorophenol	7.07	128	30052	34.987	ng		95
9) Benzaldehyde	6.69	77	23332	37.528	ng		95
10) Phenol	6.73	94	37352	37.258	ng		100
11) bis(2-Chloroethyl)ether	6.96	93	25900	34.233	ng		98
12) 1,3-Dichlorobenzene	7.39	146	33348	31.998	ng		97
13) 1,4-Dichlorobenzene	7.54	146	33778	31.987	ng		98
14) 1,2-Dichlorobenzene	7.85	146	32061	30.285	ng		98
15) Benzyl Alcohol	7.77	79	30728	32.457	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.03	45	32675	33.326	ng		95
17) 2-Methylphenol	7.97	107	24001	32.920	ng		93
18) Hexachloroethane	8.55	117	15577	31.815	ng		97
19) n-Nitroso-di-n-propylamine	8.32	70	23215	29.974	ng		98
20) 3+4-Methylphenols	8.30	107	32064	32.387	ng		91
22) Acetophenone	8.35	105	45436	33.331	ng	#	98
24) Nitrobenzene	8.72	77	37668	34.717	ng		96
25) Isophorone	9.23	82	63255	35.743	ng		96
26) 2-Nitrophenol	9.42	139	15127	34.805	ng		96
27) 2,4-Dimethylphenol	9.49	122	27133	41.852	ng		95
28) bis(2-Chloroethoxy)methane	9.72	93	34670	33.858	ng		98
29) 2,4-Dichlorophenol	9.96	162	28433	33.520	ng		94
30) 1,2,4-Trichlorobenzene	10.14	180	34088	31.559	ng		94
31) Naphthalene	10.33	128	88772	34.572	ng		98
33) 4-Chloroaniline	10.49	127	17933	16.232	ng		95
34) Hexachlorobutadiene	10.57	225	32693	30.687	ng		96
35) Caprolactam	11.33	113	5862m	27.190	ng		
36) 4-Chloro-3-methylphenol	11.62	107	32387	36.226	ng		98
37) 2-Methylnaphthalene	11.95	142	65566	33.602	ng		99
38) 1-Methylnaphthalene	12.17	142	62519	33.196	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	50253	33.289	ng		99
41) Hexachlorocyclopentadiene	12.27	237	33909	58.382	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.60	196	28549	35.036	ng	95
44) 2,4,5-Trichlorophenol	12.69	196	31275	38.708	ng	96
46) 1,1'-Biphenyl	12.99	154	87706	33.745	ng	99
47) 2-Chloronaphthalene	13.03	162	69023	33.446	ng	99
48) 2-Nitroaniline	13.28	65	22812	34.321	ng	94
49) Acenaphthylene	13.89	152	111221	35.708	ng	97
50) Dimethylphthalate	13.64	163	118147	42.705	ng	99
51) 2,6-Dinitrotoluene	13.79	165	19895	36.608	ng	93
52) Acenaphthene	14.23	154	64240	34.389	ng	96
53) 3-Nitroaniline	14.13	138	13177	25.252	ng	98
54) 2,4-Dinitrophenol	14.38	184	8171	30.699	ng	92
55) Dibenzofuran	14.57	168	110860	35.229	ng	99
56) 4-Nitrophenol	14.47	139	23188	67.109	ng	92
57) 2,4-Dinitrotoluene	14.60	165	28434	36.391	ng	94
58) Fluorene	15.23	166	89863	31.963	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.82	232	31685m	34.797	ng	
60) Diethylphthalate	15.02	149	107151	37.079	ng	99
61) 4-Chlorophenyl-phenylether	15.23	204	57748	29.871	ng	97
62) 4-Nitroaniline	15.32	138	16333	33.441	ng	92
63) Azobenzene	15.52	77	108606	37.650	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	13089	28.695	ng	94
66) n-Nitrosodiphenylamine	15.46	169	77834	33.725	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	38583	32.080	ng	99
68) Hexachlorobenzene	16.23	284	41477	30.445	ng	93
69) Atrazine	16.42	200	35573	36.203	ng	100
70) Pentachlorophenol	16.60	266	37579	61.668	ng	97
71) Phenanthrene	16.97	178	152388	34.200	ng	98
72) Anthracene	17.07	178	152542	34.795	ng	98
73) Carbazole	17.36	167	135574	37.413	ng	98
74) Di-n-butylphthalate	17.90	149	192679	39.213	ng	98
75) Fluoranthene	19.01	202	254861	42.951	ng	98
77) Benzidine	19.23	184	21934	10.526	ng	98
78) Pyrene	19.38	202	266805	31.637	ng	99
80) Butylbenzylphthalate	20.29	149	103892	35.300	ng	96
81) Benzo(a)anthracene	21.14	228	321010	36.142	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	74671	27.102	ng	97
83) Chrysene	21.19	228	303337	35.881	ng	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	166557	41.679	ng	99
85) Di-n-octyl phthalate	21.92	149	295908	46.106	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	365299	42.958	ng	98
88) Benzo(b)fluoranthene	22.69	252	324742m	33.074	ng	
89) Benzo(k)fluoranthene	22.73	252	300798	30.882	ng	99
90) Benzo(a)pyrene	23.24	252	302754	34.740	ng	98
91) Dibenzo(a,h)anthracene	25.51	278	304652	35.057	ng	100
92) Benzo(g,h,i)perylene	26.18	276	274689	36.268	ng	97

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

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