Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024661.D
Acq On : 30 Jan 2020 16:45
Operator : CG/JU
Sample : PB126393BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 23:44:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : PB126393BS

Manual Integrations APPROVED
mohammad
2/3/2020 7:55:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	161164	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	563993	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	367098	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	810683	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	913258	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1187814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	744367	87.84	ng	0.00
7) Phenol-d6	6.63	99	918539	78.68	ng	-0.01
23) Nitrobenzene-d5	8.57	82	818791	71.20	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	525140	87.94	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2194372	81.27	ng	-0.02
79) Terphenyl-d14	19.49	244	3832458	78.34	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	139129	41.503	ng	92
3) Pyridine	3.44	79	351203	36.140	ng	94
4) n-Nitrosodimethylamine	3.35	42	152090	35.259	ng	87
6) Aniline	6.77	93	481071	33.850	ng	97
8) 2-Chlorophenol	7.00	128	462432	47.935	ng	92
9) Benzaldehyde	6.58	77	215639	31.261	ng	89
10) Phenol	6.66	94	515541	44.302	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	383801	41.198	ng	93
12) 1,3-Dichlorobenzene	7.32	146	554904	46.821	ng	95
13) 1,4-Dichlorobenzene	7.46	146	562631	46.795	ng	97
14) 1,2-Dichlorobenzene	7.77	146	535792	46.166	ng	97
15) Benzyl Alcohol	7.67	79	371684	38.616	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	282917	33.174	ng	97
17) 2-Methylphenol	7.89	107	354056	43.175	ng	94
18) Hexachloroethane	8.49	117	192354	41.430	ng	93
19) n-Nitroso-di-n-propylamine	8.24	70	296394	33.815	ng	93
20) 3+4-Methylphenols	8.21	107	470678	41.463	ng	97
22) Acetophenone	8.24	105	617183	42.439	ng	97
24) Nitrobenzene	8.61	77	460832	41.815	ng	92
25) Isophorone	9.14	82	789048	40.380	ng	97
26) 2-Nitrophenol	9.32	139	255111	49.991	ng	88
27) 2,4-Dimethylphenol	9.40	122	391225	56.416	ng	96
28) bis(2-Chloroethoxy)methane	9.63	93	481566	40.342	ng	99
29) 2,4-Dichlorophenol	9.85	162	466109	49.751	ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	551210	48.782	ng	99
31) Naphthalene	10.24	128	1350802	47.420	ng	100
32) Benzoic acid	9.53	122	272506m	42.958	ng	
33) 4-Chloroaniline	10.35	127	276970	22.182	ng	96
34) Hexachlorobutadiene	10.54	225	368157	47.133	ng	99
35) Caprolactam	11.13	113	133436m	44.393	ng	
36) 4-Chloro-3-methylphenol	11.50	107	424492	42.610	ng	92
37) 2-Methylnaphthalene	11.86	142	1013678	46.112	ng	98
38) 1-Methylnaphthalene	12.09	142	947957	45.333	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	622386	47.504	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	830753	113.124	ng		99
43) 2,4,6-Trichlorophenol	12.50	196	406336	48.737	ng		97
44) 2,4,5-Trichlorophenol	12.57	196	430755	50.590	ng		96
46) 1,1'-Biphenyl	12.90	154	1288879	46.394	ng		99
47) 2-Chloronaphthalene	12.94	162	1051992	46.906	ng		97
48) 2-Nitroaniline	13.15	65	244050	35.678	ng	#	84
49) Acenaphthylene	13.80	152	1620446	48.264	ng		100
50) Dimethylphthalate	13.56	163	1285236	43.297	ng		99
51) 2,6-Dinitrotoluene	13.66	165	285353	45.214	ng	#	84
52) Acenaphthene	14.14	154	955414	45.858	ng		99
53) 3-Nitroaniline	13.99	138	181602	27.743	ng		90
54) 2,4-Dinitrophenol	14.20	184	359637	95.293	ng	#	87
55) Dibenzofuran	14.49	168	1597159	47.006	ng		96
56) 4-Nitrophenol	14.32	139	509903	99.654	ng		85
57) 2,4-Dinitrotoluene	14.46	165	403857	44.650	ng	#	87
58) Fluorene	15.14	166	1273491	44.600	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.72	232	411434	47.648	ng	#	94
60) Diethylphthalate	14.94	149	1233430	40.928	ng		98
61) 4-Chlorophenyl-phenylether	15.14	204	710910	43.185	ng		98
62) 4-Nitroaniline	15.16	138	265174	36.701	ng		89
63) Azobenzene	15.44	77	969156	37.701	ng		93
65) 4,6-Dinitro-2-methylphenol	15.23	198	253367	53.154	ng		89
66) n-Nitrosodiphenylamine	15.36	169	1128082	48.443	ng		100
67) 4-Bromophenyl-phenylether	16.04	248	462604	45.886	ng		95
68) Hexachlorobenzene	16.15	284	553284	47.825	ng		97
69) Atrazine	16.33	200	444888	49.771	ng		99
70) Pentachlorophenol	16.50	266	714801	101.435	ng		100
71) Phenanthrene	16.87	178	2073767	47.239	ng		99
72) Anthracene	16.97	178	2130778	49.605	ng		99
73) Carbazole	17.24	167	1856233	47.470	ng		99
74) Di-n-butylphthalate	17.83	149	2048237	40.973	ng		99
75) Fluoranthene	18.90	202	2618504	47.790	ng		98
77) Benzidine	19.10	184	1752972	82.421	ng		100
78) Pyrene	19.27	202	2695941	44.779	ng		100
80) Butylbenzylphthalate	20.20	149	969548	38.378	ng		94
81) Benzo(a)anthracene	21.03	228	2926234	46.166	ng		99
82) 3,3'-Dichlorobenzidine	20.97	252	958237	42.026	ng		99
83) Chrysene	21.08	228	2807362	46.416	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1413164	37.911	ng	#	97
85) Di-n-octyl phthalate	21.86	149	2553759	41.468	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4202585	63.751	ng		98
88) Benzo(b)fluoranthene	22.54	252	3291510	42.725	ng		98
89) Benzo(k)fluoranthene	22.58	252	3343057	44.457	ng		99
90) Benzo(a)pyrene	23.07	252	3141910	44.858	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	3561639	53.575	ng		99
92) Benzo(g,h,i)perylene	25.86	276	3552871	58.857	ng		98

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

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