Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026679.D
Acq On : 07 Jul 2020 16:22
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070820

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:26 AM

Quant Time: Jul 07 16:57:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	67363	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	295619	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	205314	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	466859	20.00	ng	0.00
76) Chrysene-d12	20.97	240	570033	20.00	ng	0.00
86) Perylene-d12	23.04	264	591705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	316467	78.74	ng	0.00
7) Phenol-d6	6.54	99	514584	80.36	ng	0.00
23) Nitrobenzene-d5	8.48	82	568223	82.00	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	245612	82.12	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1224769	79.32	ng	0.00
79) Terphenyl-d14	19.42	244	2364194	81.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	73767	38.200	ng	99
3) Pyridine	3.33	79	224986m	40.735	ng	
4) n-Nitrosodimethylamine	3.25	42	125252	37.888	ng	95
6) Aniline	6.68	93	318792	40.562	ng	99
8) 2-Chlorophenol	6.90	128	191349	39.969	ng	97
9) Benzaldehyde	6.49	77	132644	37.324	ng	97
10) Phenol	6.57	94	251350	39.716	ng	97
11) bis(2-Chloroethyl)ether	6.78	93	208705	39.441	ng	100
12) 1,3-Dichlorobenzene	7.22	146	205944	39.575	ng	98
13) 1,4-Dichlorobenzene	7.36	146	206128	38.914	ng	99
14) 1,2-Dichlorobenzene	7.67	146	208964	39.602	ng	99
15) Benzyl Alcohol	7.59	79	222433	40.597	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	436323	39.950	ng	99
17) 2-Methylphenol	7.79	107	192469	40.017	ng	99
18) Hexachloroethane	8.38	117	84431	40.133	ng	99
19) n-Nitroso-di-n-propylamine	8.15	70	216219	40.582	ng	96
20) 3+4-Methylphenols	8.12	107	271971	41.132	ng	99
22) Acetophenone	8.15	105	346338	41.228	ng	99
24) Nitrobenzene	8.52	77	294216	40.361	ng	99
25) Isophorone	9.05	82	553341	41.644	ng	99
26) 2-Nitrophenol	9.22	139	113908	42.338	ng	99
27) 2,4-Dimethylphenol	9.30	122	179859	41.111	ng	99
28) bis(2-Chloroethoxy)methane	9.53	93	304610	41.497	ng	99
29) 2,4-Dichlorophenol	9.76	162	201109	41.741	ng	99
30) 1,2,4-Trichlorobenzene	9.96	180	218761	40.700	ng	99
31) Naphthalene	10.13	128	676719	41.158	ng	99
32) Benzoic acid	9.49	122	148008	40.308	ng	95
33) 4-Chloroaniline	10.27	127	298192	41.458	ng	99
34) Hexachlorobutadiene	10.43	225	143999	40.452	ng	98
35) Caprolactam	11.06	113	75439	44.202	ng	98
36) 4-Chloro-3-methylphenol	11.41	107	254145	41.737	ng	99
37) 2-Methylnaphthalene	11.76	142	505183	41.477	ng	99
38) 1-Methylnaphthalene	11.99	142	479160	41.063	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	267226	40.262	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	129094	38.106	ng	98
43) 2,4,6-Trichlorophenol	12.40	196	178884	41.144	ng	99
44) 2,4,5-Trichlorophenol	12.48	196	208787	40.866	ng	99
46) 1,1'-Biphenyl	12.81	154	649968	40.078	ng	98
47) 2-Chloronaphthalene	12.85	162	522052	39.848	ng	98
48) 2-Nitroaniline	13.07	65	225377	41.802	ng	98
49) Acenaphthylene	13.71	152	844530	40.323	ng	99
50) Dimethylphthalate	13.47	163	708535	40.346	ng	99
51) 2,6-Dinitrotoluene	13.59	165	154966	41.209	ng	98
52) Acenaphthene	14.06	154	515446	40.496	ng	99
53) 3-Nitroaniline	13.92	138	165658	42.344	ng	99
54) 2,4-Dinitrophenol	14.14	184	92547	39.003	ng	92
55) Dibenzofuran	14.40	168	839839	40.241	ng	99
56) 4-Nitrophenol	14.26	139	126272	39.127	ng	95
57) 2,4-Dinitrotoluene	14.39	165	226057	41.650	ng	99
58) Fluorene	15.06	166	696660	40.317	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	183389	41.102	ng	99
60) Diethylphthalate	14.86	149	763037	41.091	ng	99
61) 4-Chlorophenyl-phenylether	15.06	204	376135	40.178	ng	96
62) 4-Nitroaniline	15.10	138	176657m	39.257	ng	
63) Azobenzene	15.36	77	826532	40.524	ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	129204	38.702	ng	90
66) n-Nitrosodiphenylamine	15.28	169	606737	40.896	ng	98
67) 4-Bromophenyl-phenylether	15.96	248	238541	41.050	ng	99
68) Hexachlorobenzene	16.06	284	244587	39.991	ng	100
69) Atrazine	16.25	200	191509	42.927	ng	98
70) Pentachlorophenol	16.42	266	145302	41.996	ng	99
71) Phenanthrene	16.79	178	1124072	40.785	ng	100
72) Anthracene	16.89	178	1126267	41.049	ng	99
73) Carbazole	17.17	167	1076825	41.167	ng	100
74) Di-n-butylphthalate	17.75	149	1387880	42.196	ng	99
75) Fluoranthene	18.83	202	1389741	40.939	ng	99
77) Benzidine	19.03	184	500881	44.570	ng	99
78) Pyrene	19.19	202	1463148	40.746	ng	100
80) Butylbenzylphthalate	20.13	149	686432	42.598	ng	95
81) Benzo(a)anthracene	20.96	228	1541930	40.269	ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	505382	41.585	ng	99
83) Chrysene	21.01	228	1503136	40.333	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	1084941	42.027	ng	99
85) Di-n-octyl phthalate	21.77	149	1873791	42.467	ng	100
87) Indeno(1,2,3-cd)pyrene	25.06	276	1862955	44.226	ng	100
88) Benzo(b)fluoranthene	22.44	252	1636298	41.970	ng	99
89) Benzo(k)fluoranthene	22.49	252	1569554	41.042	ng	98
90) Benzo(a)pyrene	22.96	252	1522011	42.052	ng	99
91) Dibenzo(a,h)anthracene	25.07	278	1573369	44.245	ng	98
92) Benzo(g,h,i)perylene	25.67	276	1451803	44.311	ng	99

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

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