Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002558.D
Acq On : 26 Jun 2020 19:03
Operator : CG/JU
Sample : L3114-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-242MSD

Manual Integrations APPROVED
mohammad
6/29/2020 3:18:51 PM

Quant Time: Jun 27 05:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	101827	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	464677	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	237458	20.00	ng	0.01
64) Phenanthrene-d10	17.02	188	247311	20.00	ng	0.04
76) Chrysene-d12	21.13	240	316760	20.00	ng	0.04
86) Perylene-d12	23.31	264	532775	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	615088	111.77	ng	0.00
7) Phenol-d6	6.78	99	863730	117.89	ng	0.00
23) Nitrobenzene-d5	8.73	82	601458	77.30	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	256622	112.88	ng	0.02
45) 2-Fluorobiphenyl	12.85	172	1470898	104.15	ng	0.00
79) Terphenyl-d14	19.62	244	1225412	106.44	ng	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	61887	24.414	ng	97
3) Pyridine	3.53	79	222773	32.335	ng	97
4) n-Nitrosodimethylamine	3.45	42	105620	37.201	ng	92
6) Aniline	6.92	93	299940	30.102	ng	99
8) 2-Chlorophenol	7.15	128	289502	46.788	ng	97
9) Benzaldehyde	6.73	77	120144	28.266	ng	99
10) Phenol	6.80	94	365452	45.991	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	267801	40.366	ng	98
12) 1,3-Dichlorobenzene	7.48	146	312519	43.863	ng	98
13) 1,4-Dichlorobenzene	7.62	146	315461	44.007	ng	97
14) 1,2-Dichlorobenzene	7.93	146	310967	45.285	ng	99
15) Benzyl Alcohol	7.82	79	264315	46.546	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	372806	39.604	ng	99
17) 2-Methylphenol	8.04	107	253209	43.609	ng	98
18) Hexachloroethane	8.65	117	109265	41.840	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	214371	43.774	ng	100
20) 3+4-Methylphenols	8.36	107	343554	43.841	ng	94
22) Acetophenone	8.40	105	427524	40.952	ng	98
24) Nitrobenzene	8.77	77	349161	41.745	ng	100
25) Isophorone	9.29	82	651158	41.089	ng	99
26) 2-Nitrophenol	9.48	139	149928	40.226	ng	94
27) 2,4-Dimethylphenol	9.56	122	281010	48.060	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	389931	41.309	ng	99
29) 2,4-Dichlorophenol	10.02	162	324860	49.356	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	347456	47.358	ng	96
31) Naphthalene	10.40	128	1001614	46.397	ng	99
32) Benzoic acid	9.73	122	261229	53.598	ng	97
33) 4-Chloroaniline	10.52	127	214124	22.720	ng	99
34) Hexachlorobutadiene	10.70	225	211446	49.387	ng	96
35) Caprolactam	11.29	113	113297	48.805	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	361951	50.824	ng	97
37) 2-Methylnaphthalene	12.03	142	768034	50.124	ng	98
38) 1-Methylnaphthalene	12.25	142	724876	50.402	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	403717	64.496	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	128144	38.507	ng		98
43) 2,4,6-Trichlorophenol	12.66	196	277765	62.702	ng		100
44) 2,4,5-Trichlorophenol	12.74	196	304119	59.286	ng		97
46) 1,1'-Biphenyl	13.06	154	905930	58.212	ng		99
47) 2-Chloronaphthalene	13.10	162	736673	57.870	ng		99
48) 2-Nitroaniline	13.30	65	253386	62.353	ng		98
49) Acenaphthylene	13.95	152	1028931	50.641	ng		99
50) Dimethylphthalate	13.70	163	920102	56.550	ng		99
51) 2,6-Dinitrotoluene	13.82	165	212047	60.010	ng		95
52) Acenaphthene	14.30	154	540659	45.424	ng		100
53) 3-Nitroaniline	14.15	138	157506	39.037	ng	#	74
54) 2,4-Dinitrophenol	14.36	184	11831	8.268	ng	#	55
55) Dibenzofuran	14.64	168	788128	41.127	ng		94
56) 4-Nitrophenol	14.49	139	257599	80.410	ng	#	49
57) 2,4-Dinitrotoluene	14.61	165	165789	34.469	ng	#	93
58) Fluorene	15.30	166	481102	31.918	ng		94
59) 2,3,4,6-Tetrachlorophenol	14.89	232	164030	40.283	ng	#	94
60) Diethylphthalate	15.09	149	563624	34.572	ng		93
61) 4-Chlorophenyl-phenylether	15.30	204	268034	34.560	ng	#	86
62) 4-Nitroaniline	15.32	138	84362m	21.761	ng		
63) Azobenzene	15.60	77	522372	32.190	ng		89
65) 4,6-Dinitro-2-methylphenol	15.39	198	5432	4.162	ng	#	1
66) n-Nitrosodiphenylamine	15.52	169	430452	68.134	ng		98
67) 4-Bromophenyl-phenylether	16.20	248	138272	59.020	ng	#	77
68) Hexachlorobenzene	16.33	284	163909	65.932	ng	#	77
69) Atrazine	16.52	200	127875	62.046	ng	#	36
70) Pentachlorophenol	16.68	266	204192	137.286	ng		99
71) Phenanthrene	17.06	178	568094	49.106	ng	#	82
72) Anthracene	17.16	178	563395	49.024	ng	#	87
73) Carbazole	17.43	167	473985	41.925	ng	#	81
74) Di-n-butylphthalate	18.01	149	611059	45.673	ng	#	87
75) Fluoranthene	19.06	202	784214	56.790	ng		87
78) Pyrene	19.42	202	777119	40.052	ng	#	95
80) Butylbenzylphthalate	20.29	149	316200	36.661	ng		86
81) Benzo(a)anthracene	21.11	228	897124	49.618	ng		99
82) 3,3'-Dichlorobenzidine	21.05	252	36061	5.367	ng	#	89
83) Chrysene	21.16	228	886442	51.748	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	581846	46.376	ng	#	99
85) Di-n-octyl phthalate	21.91	149	1343797	61.066	ng		99
87) Indeno(1,2,3-cd)pyrene	25.53	276	1824407	54.749	ng		98
88) Benzo(b)fluoranthene	22.66	252	1439183	50.091	ng		99
89) Benzo(k)fluoranthene	22.70	252	1310576	48.009	ng		99
90) Benzo(a)pyrene	23.22	252	1335213	49.591	ng		98
91) Dibenzo(a,h)anthracene	25.54	278	1460014	54.620	ng		98
92) Benzo(g,h,i)perylene	26.20	276	1547293	55.890	ng		97

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

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