Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005290.D
Acq On : 13 Apr 2021 16:52
Operator : CG/JU
Sample : M1998-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5AMSD

Manual Integrations APPROVED
mohammad
4/14/2021 11:51:10 AM

Quant Time: Apr 14 02:43:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 18:44:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	67351	20.00	ng	#	0.00
21) Naphthalene-d8	10.463	136	233787	20.00	ng	#	0.00
39) Acenaphthene-d10	14.340	164	133346	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	266321	20.00	ng	#	0.00
76) Chrysene-d12	21.204	240	196610	20.00	ng		0.00
86) Perylene-d12	23.480	264	198081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	618001	96.30	ng		0.00
7) Phenol-d6	6.875	99	801330	109.43	ng		0.01
23) Nitrobenzene-d5	8.840	82	522519	70.48	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	42809	25.43	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	711889	72.07	ng		0.00
79) Terphenyl-d14	19.680	244	718456	71.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	85748	22.63	ng		97
3) Pyridine	3.611	79	236292	27.82	ng		93
4) n-Nitrosodimethylamine	3.523	42	78114	31.15	ng	#	86
6) Aniline	7.016	93	272769	34.61	ng	#	86
8) 2-Chlorophenol	7.252	128	207374	45.03	ng	#	76
9) Benzaldehyde	6.828	77	224758	46.61	ng	#	74
10) Phenol	6.911	94	1225374	163.40	ng		82
11) bis(2-Chloroethyl)ether	7.111	93	233527	43.45	ng		90
12) 1,3-Dichlorobenzene	7.564	146	217904	43.48	ng	#	86
13) 1,4-Dichlorobenzene	7.711	146	219994	44.46	ng	#	89
14) 1,2-Dichlorobenzene	8.022	146	204676	43.52	ng	#	89
15) Benzyl Alcohol	7.928	79	216730	42.73	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.199	45	154328	49.32	ng		85
17) 2-Methylphenol	8.134	107	181951	44.23	ng	#	86
18) Hexachloroethane	8.746	117	78818	36.72	ng		93
19) n-Nitroso-di-n-propyla...	8.493	70	185309	41.14	ng	#	88
20) 3+4-Methylphenols	8.463	107	242987	45.09	ng		88
22) Acetophenone	8.505	105	350553	42.56	ng	#	90
24) Nitrobenzene	8.887	77	290401	37.89	ng	#	70
25) Isophorone	9.405	82	490380	39.65	ng	#	84
26) 2-Nitrophenol	9.587	139	88774	41.71	ng	#	45
27) 2,4-Dimethylphenol	9.658	122	170947	49.60	ng	#	80
28) bis(2-Chloroethoxy)met...	9.887	93	265899	45.35	ng	#	97
29) 2,4-Dichlorophenol	10.128	162	163631	42.72	ng		89
30) 1,2,4-Trichlorobenzene	10.334	180	194106	44.20	ng		99
31) Naphthalene	10.516	128	551316	43.07	ng		99
32) Benzoic acid	9.658	122	170947	75.60	ng	#	30
33) 4-Chloroaniline	10.640	127	97541	20.45	ng	#	79
34) Hexachlorobutadiene	10.793	225	129861	42.68	ng		99
35) Caprolactam	11.493	113	53099	41.76	ng	#	66
36) 4-Chloro-3-methylphenol	11.804	107	209332	42.25	ng	#	76
37) 2-Methylnaphthalene	12.140	142	382872	44.11	ng	#	91
38) 1-Methylnaphthalene	12.363	142	351969	42.85	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	216955	48.29	ng	#	98
41) Hexachlorocyclopentadiene	12.487	237	45155	21.81	ng		96
43) 2,4,6-Trichlorophenol	12.769	196	133452	47.28	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	141475	45.93	ng	#	88
46) 1,1'-Biphenyl	13.163	154	487159	48.20	ng		96
47) 2-Chloronaphthalene	13.204	162	368703	46.16	ng		94
48) 2-Nitroaniline	13.428	65	141111	41.14	ng	#	46
49) Acenaphthylene	14.063	152	597952	48.40	ng		99
50) Dimethylphthalate	13.810	163	463313	47.33	ng		99
51) 2,6-Dinitrotoluene	13.928	165	97206	44.65	ng	#	23
52) Acenaphthene	14.404	154	348938	46.23	ng		98
53) 3-Nitroaniline	14.263	138	86043	39.85	ng	#	33
54) 2,4-Dinitrophenol	14.481	184	89206	65.43	ng	#	62
55) Dibenzofuran	14.745	168	550448	43.79	ng		96
56) 4-Nitrophenol	14.598	139	143932	86.31	ng	#	2
57) 2,4-Dinitrotoluene	14.728	165	134715	44.51	ng	#	26
58) Fluorene	15.398	166	447265	43.90	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	119113	43.43	ng	#	97
60) Diethylphthalate	15.175	149	448738	44.82	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	244167	45.68	ng		97
62) 4-Nitroaniline	15.434	138	85719m	38.57	ng		
63) Azobenzene	15.687	77	586865	37.98	ng		80
65) 4,6-Dinitro-2-methylph...	15.492	198	61452	34.37	ng	#	71
66) n-Nitrosodiphenylamine	15.616	169	373539	46.42	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	141828	46.61	ng		93
68) Hexachlorobenzene	16.404	284	151825	46.68	ng	#	91
69) Atrazine	16.581	200	124989	44.39	ng		99
70) Pentachlorophenol	16.763	266	161806	82.45	ng		98
71) Phenanthrene	17.145	178	659359	43.80	ng		100
72) Anthracene	17.239	178	667305	45.75	ng		99
73) Carbazole	17.522	167	548284	39.37	ng		99
74) Di-n-butylphthalate	18.075	149	720665	46.31	ng	#	97
75) Fluoranthene	19.133	202	712652	38.59	ng		98
77) Benzidine	19.316	184	134089	37.27	ng		99
78) Pyrene	19.486	202	697912	57.12	ng		98
80) Butylbenzylphthalate	20.357	149	208854	45.74	ng	#	61
81) Benzo(a)anthracene	21.192	228	567642	43.76	ng		100
82) 3,3'-Dichlorobenzidine	21.127	252	168634	44.43	ng		98
83) Chrysene	21.245	228	535119	42.41	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	359133	50.06	ng		100
85) Di-n-octyl phthalate	21.998	149	480375	37.28	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.821	276	688951	45.50	ng	#	94
88) Benzo(b)fluoranthene	22.792	252	570884	44.03	ng		99
89) Benzo(k)fluoranthene	22.839	252	521450m	41.96	ng		
90) Benzo(a)pyrene	23.380	252	511661	42.64	ng		98
91) Dibenzo(a,h)anthracene	25.827	278	577223	43.73	ng	#	95
92) Benzo(g,h,i)perylene	26.539	276	571914	44.80	ng	#	93

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

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