Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005284.D
Acq On : 13 Apr 2021 13:29
Operator : CG/JU
Sample : M1966-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-123RMSD

Manual Integrations APPROVED
mohammad
4/14/2021 11:51:00 AM

Quant Time: Apr 14 02:40:51 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	49420	20.00	ng		# 0.00
21) Naphthalene-d8	10.463	136	174543	20.00	ng		# 0.00
39) Acenaphthene-d10	14.340	164	118751	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	279420	20.00	ng		# 0.00
76) Chrysene-d12	21.210	240	318315	20.00	ng		# 0.00
86) Perylene-d12	23.480	264	248496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	423352	89.90	ng		0.00
7) Phenol-d6	6.869	99	325680	60.61	ng		0.00
23) Nitrobenzene-d5	8.840	82	454852	82.18	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	217102	144.83	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	743201	84.49	ng		0.00
79) Terphenyl-d14	19.680	244	1221296	75.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	51636	18.57	ng		98
3) Pyridine	3.611	79	120820	19.38	ng		96
4) n-Nitrosodimethylamine	3.522	42	43751	23.78	ng	#	79
6) Aniline	7.011	93	183662	31.76	ng	#	85
8) 2-Chlorophenol	7.246	128	135326	40.05	ng	#	72
9) Benzaldehyde	6.828	77	126997	35.89	ng	#	72
10) Phenol	6.893	94	141532	25.72	ng		77
11) bis(2-Chloroethyl)ether	7.110	93	171198	43.41	ng		90
12) 1,3-Dichlorobenzene	7.563	146	145647	39.60	ng	#	86
13) 1,4-Dichlorobenzene	7.710	146	144232	39.72	ng	#	91
14) 1,2-Dichlorobenzene	8.022	146	137087	39.72	ng	#	90
15) Benzyl Alcohol	7.928	79	137336	36.90	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.199	45	102519	44.65	ng		82
17) 2-Methylphenol	8.134	107	114830	38.04	ng	#	85
18) Hexachloroethane	8.746	117	60597	38.47	ng		87
19) n-Nitroso-di-n-propyla...	8.487	70	139563	42.23	ng	#	86
20) 3+4-Methylphenols	8.463	107	140464	35.53	ng		88
22) Acetophenone	8.505	105	252566	41.07	ng	#	90
24) Nitrobenzene	8.881	77	217236	37.97	ng	#	67
25) Isophorone	9.404	82	376475	40.78	ng	#	83
26) 2-Nitrophenol	9.587	139	62397	39.27	ng	#	35
27) 2,4-Dimethylphenol	9.657	122	121088	47.06	ng	#	78
28) bis(2-Chloroethoxy)met...	9.887	93	196642	44.93	ng	#	97
29) 2,4-Dichlorophenol	10.122	162	120604	42.17	ng		89
30) 1,2,4-Trichlorobenzene	10.328	180	129294	39.43	ng		99
31) Naphthalene	10.516	128	391312	40.95	ng		99
32) Benzoic acid	9.816	122	24760	14.67	ng	#	49
33) 4-Chloroaniline	10.640	127	78660	22.09	ng	#	77
34) Hexachlorobutadiene	10.793	225	86179	37.94	ng		99
35) Caprolactam	11.499	113	14696	15.48	ng	#	64
36) 4-Chloro-3-methylphenol	11.781	107	164224	44.40	ng	#	74
37) 2-Methylnaphthalene	12.140	142	280934	43.35	ng	#	91
38) 1-Methylnaphthalene	12.357	142	262340	42.78	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	160488	40.11	ng	#	97
41) Hexachlorocyclopentadiene	12.481	237	42950	23.30	ng		97
43) 2,4,6-Trichlorophenol	12.763	196	105795	42.08	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	118401	43.16	ng	#	88
46) 1,1'-Biphenyl	13.163	154	375548	41.72	ng		94
47) 2-Chloronaphthalene	13.204	162	289061	40.63	ng		94
48) 2-Nitroaniline	13.428	65	132240	43.11	ng	#	43
49) Acenaphthylene	14.057	152	506349	46.02	ng		99
50) Dimethylphthalate	13.810	163	415349	47.65	ng		99
51) 2,6-Dinitrotoluene	13.928	165	84160	43.41	ng	#	12
52) Acenaphthene	14.404	154	299840	44.61	ng		98
53) 3-Nitroaniline	14.263	138	51734	27.71	ng	#	29
54) 2,4-Dinitrophenol	14.481	184	70708	58.91	ng	#	64
55) Dibenzofuran	14.745	168	473028	42.25	ng		96
56) 4-Nitrophenol	14.604	139	79060	53.24	ng	#	1
57) 2,4-Dinitrotoluene	14.728	165	121802	45.19	ng	#	22
58) Fluorene	15.398	166	408138	44.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	107090	43.84	ng	#	95
60) Diethylphthalate	15.181	149	417643	46.84	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	211163	44.36	ng		95
62) 4-Nitroaniline	15.439	138	83540m	42.01	ng		
63) Azobenzene	15.687	77	558913	40.62	ng		80
65) 4,6-Dinitro-2-methylph...	15.492	198	56219	29.96	ng	#	61
66) n-Nitrosodiphenylamine	15.616	169	339790	40.25	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	129834	40.67	ng	#	90
68) Hexachlorobenzene	16.404	284	143095	41.94	ng		93
69) Atrazine	16.592	200	118289	40.04	ng		99
70) Pentachlorophenol	16.763	266	174636	84.82	ng		99
71) Phenanthrene	17.145	178	669047	42.36	ng		99
72) Anthracene	17.239	178	661186	43.20	ng		99
73) Carbazole	17.522	167	616581	42.19	ng		98
74) Di-n-butylphthalate	18.075	149	778174	47.66	ng	#	96
75) Fluoranthene	19.133	202	809474	41.78	ng		99
78) Pyrene	19.480	202	816052	41.25	ng		99
80) Butylbenzylphthalate	20.357	149	343009	46.40	ng	#	60
81) Benzo(a)anthracene	21.192	228	807506	38.45	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	27963	4.55	ng		93
83) Chrysene	21.245	228	766637	37.52	ng		100
84) Bis(2-ethylhexyl)phtha...	21.116	149	513834	44.24	ng		100
85) Di-n-octyl phthalate	21.998	149	858036	41.12	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.815	276	629947	33.16	ng	#	93
88) Benzo(b)fluoranthene	22.792	252	720543	44.30	ng		98
89) Benzo(k)fluoranthene	22.839	252	662544m	42.50	ng		
90) Benzo(a)pyrene	23.380	252	575531	38.23	ng	#	98
91) Dibenzo(a,h)anthracene	25.827	278	536236	32.38	ng	#	95
92) Benzo(g,h,i)perylene	26.527	276	491861	30.71	ng	#	93

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

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