Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
Data File : BP005476.D
Acq On : 10 May 2021 19:26
Operator : CG/JU
Sample : M2309-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-TP1MS

Manual Integrations APPROVED
mohammad
5/11/2021 2:31:54 PM

Quant Time: May 11 04:22:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 12:37:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	13567	20.00	ng		0.00
21) Naphthalene-d8	10.493	136	39957	20.00	ng		#-0.01
39) Acenaphthene-d10	14.345	164	28450	20.00	ng		-0.01
64) Phenanthrene-d10	17.098	188	67037	20.00	ng		#-0.01
76) Chrysene-d12	21.198	240	93180	20.00	ng		# 0.00
86) Perylene-d12	23.510	264	121812	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	84807	119.96	ng		0.00
7) Phenol-d6	6.905	99	86406	98.02	ng		0.00
23) Nitrobenzene-d5	8.875	82	72763	71.67	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	75911	94.03	ng		-0.01
45) 2-Fluorobiphenyl	12.969	172	166825	66.15	ng		-0.01
79) Terphenyl-d14	19.669	244	297163	54.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	15367	57.65	ng	#	90
3) Pyridine	3.599	79	32445	51.83	ng	#	82
4) n-Nitrosodimethylamine	3.517	42	28179	55.98	ng	#	5
6) Aniline	7.046	93	36957	38.84	ng	#	86
8) 2-Chlorophenol	7.275	128	33062	43.54	ng		90
9) Benzaldehyde	6.858	77	27914	64.30	ng	#	67
10) Phenol	6.928	94	37071	42.05	ng	#	51
11) bis(2-Chloroethyl)ether	7.140	93	26460	43.45	ng		96
12) 1,3-Dichlorobenzene	7.593	146	45200	44.74	ng	#	90
13) 1,4-Dichlorobenzene	7.740	146	45006	44.70	ng		99
14) 1,2-Dichlorobenzene	8.052	146	41353	42.85	ng		95
15) Benzyl Alcohol	7.963	79	35472	41.71	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.234	45	12981	43.18	ng	#	71
17) 2-Methylphenol	8.169	107	24574	40.58	ng	#	80
18) Hexachloroethane	8.769	117	18046	43.27	ng		88
19) n-Nitroso-di-n-propyla...	8.522	70	25691	39.80	ng		92
20) 3+4-Methylphenols	8.505	107	31526	39.17	ng	#	84
22) Acetophenone	8.540	105	50034	44.39	ng	#	86
24) Nitrobenzene	8.916	77	43849	43.06	ng		91
25) Isophorone	9.440	82	59604	37.91	ng		98
26) 2-Nitrophenol	9.622	139	18379	43.10	ng	#	89
27) 2,4-Dimethylphenol	9.693	122	26178	46.38	ng	#	81
28) bis(2-Chloroethoxy)met...	9.922	93	28886	43.89	ng		96
29) 2,4-Dichlorophenol	10.163	162	36128	40.76	ng		97
30) 1,2,4-Trichlorobenzene	10.363	180	50874	44.93	ng		97
31) Naphthalene	10.546	128	89966	41.87	ng		99
32) Benzoic acid	9.875	122	16529	37.91	ng	#	65
33) 4-Chloroaniline	10.681	127	13282	15.87	ng	#	90
34) Hexachlorobutadiene	10.822	225	43381	45.94	ng		95
35) Caprolactam	11.487	113	6938m	34.02	ng		
36) 4-Chloro-3-methylphenol	11.822	107	31029	39.27	ng		91
37) 2-Methylnaphthalene	12.163	142	69705	40.44	ng		94
38) 1-Methylnaphthalene	12.381	142	63917	39.28	ng		99
40) 1,2,4,5-Tetrachloroben...	12.534	216	63156	48.32	ng	#	97
41) Hexachlorocyclopentadiene	12.504	237	63994	112.86	ng		97
43) 2,4,6-Trichlorophenol	12.787	196	35504	43.47	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	37608	42.67	ng		93
46) 1,1'-Biphenyl	13.181	154	98076	44.77	ng		94
47) 2-Chloronaphthalene	13.222	162	79573	43.63	ng		97
48) 2-Nitroaniline	13.445	65	22025	42.51	ng		95
49) Acenaphthylene	14.069	152	114153	43.44	ng		97
50) Dimethylphthalate	13.822	163	117227	47.73	ng	#	98
51) 2,6-Dinitrotoluene	13.945	165	21362	38.74	ng		92
52) Acenaphthene	14.410	154	68406	41.84	ng		96
53) 3-Nitroaniline	14.281	138	9690	24.52	ng	#	99
54) 2,4-Dinitrophenol	14.498	184	25632	77.05	ng	#	74
55) Dibenzofuran	14.751	168	125303	40.75	ng		98
56) 4-Nitrophenol	14.616	139	22700	76.11	ng	#	79
57) 2,4-Dinitrotoluene	14.739	165	30229	37.18	ng		87
58) Fluorene	15.398	166	103186	41.10	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	33913m	38.48	ng		
60) Diethylphthalate	15.187	149	94483	39.72	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	66288	42.19	ng		97
62) 4-Nitroaniline	15.445	138	13985	36.84	ng	#	73
63) Azobenzene	15.692	77	101332	41.33	ng		87
65) 4,6-Dinitro-2-methylph...	15.504	198	18639	35.08	ng		93
66) n-Nitrosodiphenylamine	15.616	169	85793	43.85	ng	#	94
67) 4-Bromophenyl-phenylether	16.292	248	48022	45.89	ng		99
68) Hexachlorobenzene	16.404	284	59918	45.15	ng		97
69) Atrazine	16.581	200	39987	43.75	ng		98
70) Pentachlorophenol	16.757	266	61640	87.54	ng		93
71) Phenanthrene	17.145	178	170457	44.75	ng		99
72) Anthracene	17.233	178	172776	45.70	ng		98
73) Carbazole	17.516	167	133405	40.07	ng		98
74) Di-n-butylphthalate	18.069	149	154978	42.41	ng	#	96
75) Fluoranthene	19.116	202	237983	45.42	ng		96
77) Benzidine	19.310	184	104313	72.32	ng		99
78) Pyrene	19.469	202	241736	45.82	ng		98
80) Butylbenzylphthalate	20.351	149	72969	42.81	ng		98
81) Benzo(a)anthracene	21.180	228	267365	44.28	ng		99
82) 3,3'-Dichlorobenzidine	21.121	252	100042	43.98	ng	#	94
83) Chrysene	21.233	228	263612	45.04	ng		99
84) Bis(2-ethylhexyl)phtha...	21.110	149	108694	41.71	ng	#	97
85) Di-n-octyl phthalate	21.998	149	184700	42.19	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.921	276	502518	49.04	ng	#	96
88) Benzo(b)fluoranthene	22.810	252	354156	43.63	ng	#	98
89) Benzo(k)fluoranthene	22.857	252	346499	43.65	ng	#	98
90) Benzo(a)pyrene	23.410	252	349915	47.03	ng	#	98
91) Dibenzo(a,h)anthracene	25.927	278	425176	47.02	ng	#	99
92) Benzo(g,h,i)perylene	26.651	276	410698	49.09	ng	#	94

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

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