Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005598.D
Acq On : 18 May 2021 13:54
Operator : CG/JU
Sample : M2435-16MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COTTAGE-BMSD

Manual Integrations APPROVED
mohammad
5/19/2021 11:39:44 AM

Quant Time: May 18 15:47:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	10560	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	35203	20.00	ng		# 0.00
39) Acenaphthene-d10	14.310	164	29609	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	70891	20.00	ng		# 0.00
76) Chrysene-d12	21.174	240	96822	20.00	ng		# 0.00
86) Perylene-d12	23.468	264	113912	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.258	112	65506	119.05	ng		0.00
7) Phenol-d6	6.863	99	75825	110.51	ng		0.00
23) Nitrobenzene-d5	8.828	82	65552	73.29	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	82874	98.63	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	181437	69.12	ng		0.00
79) Terphenyl-d14	19.645	244	399590	70.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	8913	41.73	ng	#	90
3) Pyridine	3.552	79	19999	41.05	ng	#	75
4) n-Nitrosodimethylamine	3.469	42	18976	48.43	ng	#	3
6) Aniline	7.005	93	21620	29.20	ng	#	84
8) 2-Chlorophenol	7.234	128	27085	45.83	ng		92
9) Benzaldehyde	6.816	77	23215	68.98	ng	#	78
10) Phenol	6.887	94	33976	49.51	ng	#	55
11) bis(2-Chloroethyl)ether	7.099	93	20927	44.15	ng		95
12) 1,3-Dichlorobenzene	7.546	146	34780	44.23	ng	#	83
13) 1,4-Dichlorobenzene	7.699	146	34171	43.60	ng		94
14) 1,2-Dichlorobenzene	8.010	146	32227	42.90	ng		98
15) Benzyl Alcohol	7.922	79	31074	46.95	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.204	45	9775	41.77	ng	#	60
17) 2-Methylphenol	8.134	107	21947	46.56	ng	#	77
18) Hexachloroethane	8.722	117	15319	47.19	ng		93
19) n-Nitroso-di-n-propyla...	8.481	70	22831	45.44	ng		92
20) 3+4-Methylphenols	8.469	107	29213	46.63	ng		83
22) Acetophenone	8.499	105	43475	43.78	ng	#	88
24) Nitrobenzene	8.875	77	39243	43.74	ng		92
25) Isophorone	9.399	82	55759	40.26	ng	#	93
26) 2-Nitrophenol	9.581	139	15859	42.22	ng	#	75
27) 2,4-Dimethylphenol	9.657	122	24216	48.70	ng	#	79
28) bis(2-Chloroethoxy)met...	9.881	93	27321	47.12	ng		100
29) 2,4-Dichlorophenol	10.128	162	34201	43.80	ng		94
30) 1,2,4-Trichlorobenzene	10.316	180	44821	44.93	ng		96
31) Naphthalene	10.498	128	80792	42.68	ng		98
32) Benzoic acid	9.869	122	15701	40.87	ng	#	74
33) 4-Chloroaniline	10.646	127	7555	10.25	ng		92
34) Hexachlorobutadiene	10.775	225	38589	46.39	ng		98
35) Caprolactam	11.445	113	7277m	40.50	ng		
36) 4-Chloro-3-methylphenol	11.787	107	31076	44.64	ng		95
37) 2-Methylnaphthalene	12.122	142	67121	44.20	ng		95
38) 1-Methylnaphthalene	12.345	142	62447	43.56	ng		98
40) 1,2,4,5-Tetrachloroben...	12.498	216	60495	44.47	ng		97
41) Hexachlorocyclopentadiene	12.463	237	47539	82.81	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	35193	41.41	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	37508	40.89	ng		89
46) 1,1'-Biphenyl	13.145	154	97444	42.74	ng		95
47) 2-Chloronaphthalene	13.187	162	78102	41.15	ng		97
48) 2-Nitroaniline	13.416	65	22625	41.96	ng		93
49) Acenaphthylene	14.034	152	120198	43.95	ng		99
50) Dimethylphthalate	13.787	163	123768	48.42	ng	#	99
51) 2,6-Dinitrotoluene	13.916	165	21825	38.03	ng		95
52) Acenaphthene	14.381	154	68640	40.34	ng		97
53) 3-Nitroaniline	14.251	138	7653	18.61	ng	#	85
54) 2,4-Dinitrophenol	14.475	184	28251	81.60	ng	#	74
55) Dibenzofuran	14.716	168	129730	40.54	ng		98
56) 4-Nitrophenol	14.598	139	22733	73.24	ng	#	80
57) 2,4-Dinitrotoluene	14.716	165	34053	40.24	ng	#	84
58) Fluorene	15.369	166	108292	41.44	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	37860	41.28	ng		98
60) Diethylphthalate	15.151	149	103307	41.73	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	70712	43.24	ng		99
62) 4-Nitroaniline	15.422	138	13635	34.51	ng	#	67
63) Azobenzene	15.657	77	110347	43.24	ng		88
65) 4,6-Dinitro-2-methylph...	15.486	198	20455	36.41	ng		94
66) n-Nitrosodiphenylamine	15.586	169	92746	44.83	ng	#	93
67) 4-Bromophenyl-phenylether	16.263	248	49611	44.83	ng		99
68) Hexachlorobenzene	16.375	284	63252	45.07	ng		99
69) Atrazine	16.551	200	45581	47.16	ng		99
70) Pentachlorophenol	16.733	266	62633	84.12	ng		95
71) Phenanthrene	17.110	178	174354	43.28	ng		99
72) Anthracene	17.204	178	178850	44.74	ng		99
73) Carbazole	17.492	167	141973	40.33	ng		99
74) Di-n-butylphthalate	18.039	149	171662	44.42	ng		97
75) Fluoranthene	19.092	202	240758	43.45	ng		97
77) Benzidine	19.292	184	116026	77.42	ng		98
78) Pyrene	19.445	202	243182	44.36	ng		99
80) Butylbenzylphthalate	20.327	149	78350	44.24	ng		89
81) Benzo(a)anthracene	21.163	228	274418	43.74	ng		98
82) 3,3'-Dichlorobenzidine	21.098	252	88625	37.49	ng		93
83) Chrysene	21.210	228	270075	44.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.086	149	120422	44.47	ng	#	96
85) Di-n-octyl phthalate	21.968	149	209413	46.04	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.856	276	431625	45.04	ng	#	97
88) Benzo(b)fluoranthene	22.768	252	332611	43.82	ng	#	97
89) Benzo(k)fluoranthene	22.815	252	326431	43.98	ng	#	98
90) Benzo(a)pyrene	23.368	252	325821	46.83	ng	#	97
91) Dibenzo(a,h)anthracene	25.862	278	375486	44.40	ng	#	98
92) Benzo(g,h,i)perylene	26.586	276	355493	45.44	ng	#	96

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

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