Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004517.D
Acq On : 12 Jan 2021 22:11
Operator : CG/JU
Sample : M1075-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11977MS

Manual Integrations APPROVED
mohammad
1/13/2021 3:15:00 PM

Quant Time: Jan 12 23:33:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	233116	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	900507	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	577212	20.00	ng		0.00
64) Phenanthrene-d10	17.222	188	1278636	20.00	ng		0.00
76) Chrysene-d12	21.321	240	1338232	20.00	ng		# 0.00
86) Perylene-d12	23.668	264	1475818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1509236	112.84	ng		0.00
7) Phenol-d6	6.987	99	1880020	102.63	ng		0.00
23) Nitrobenzene-d5	8.969	82	1068601	67.09	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1065132	106.14	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2868488	64.60	ng		0.00
79) Terphenyl-d14	19.786	244	4295231	58.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	196611	36.36	ng	#	92
3) Pyridine	3.717	79	544604	37.59	ng		95
4) n-Nitrosodimethylamine	3.634	42	205781	44.92	ng		89
6) Aniline	7.140	93	527635	25.32	ng		96
8) 2-Chlorophenol	7.381	128	733938	48.32	ng		95
9) Benzaldehyde	6.952	77	101697	10.46	ng		89
10) Phenol	7.010	94	893787	50.89	ng		96
11) bis(2-Chloroethyl)ether	7.234	93	636603	45.29	ng		96
12) 1,3-Dichlorobenzene	7.705	146	815553	43.43	ng		98
13) 1,4-Dichlorobenzene	7.846	146	829821	43.68	ng		99
14) 1,2-Dichlorobenzene	8.163	146	792956	43.71	ng		99
15) Benzyl Alcohol	8.052	79	549951	46.34	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	608670	40.83	ng		95
17) 2-Methylphenol	8.257	107	581461	46.92	ng		99
18) Hexachloroethane	8.887	117	276241	42.07	ng		94
19) n-Nitroso-di-n-propyla...	8.616	70	429183	41.77	ng		94
20) 3+4-Methylphenols	8.587	107	785240	46.43	ng		99
22) Acetophenone	8.634	105	960829	43.23	ng	#	96
24) Nitrobenzene	9.016	77	682366	43.78	ng		92
25) Isophorone	9.534	82	1252322	43.60	ng		95
26) 2-Nitrophenol	9.722	139	399372	46.49	ng		94
27) 2,4-Dimethylphenol	9.787	122	641161	53.89	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	809260	41.06	ng		98
29) 2,4-Dichlorophenol	10.263	162	729110	46.14	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	811671	42.70	ng		98
31) Naphthalene	10.657	128	2329447	47.10	ng		100
32) Benzoic acid	9.946	122	434583	44.10	ng		90
33) 4-Chloroaniline	10.769	127	245336	11.49	ng		98
34) Hexachlorobutadiene	10.946	225	531851	41.63	ng		98
35) Caprolactam	11.546	113	214076m	42.43	ng		
36) 4-Chloro-3-methylphenol	11.904	107	683556	45.43	ng		99
37) 2-Methylnaphthalene	12.275	142	1691330	46.51	ng		99
38) 1-Methylnaphthalene	12.498	142	1537777	44.55	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	940689	45.37	ng		98
41) Hexachlorocyclopentadiene	12.628	237	949972	78.67	ng		98
43) 2,4,6-Trichlorophenol	12.893	196	622350	46.11	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	662262	47.22	ng		97
46) 1,1'-Biphenyl	13.292	154	2065896	44.77	ng		99
47) 2-Chloronaphthalene	13.334	162	1620382	42.43	ng		98
48) 2-Nitroaniline	13.540	65	361393	40.92	ng		85
49) Acenaphthylene	14.187	152	2532365	44.38	ng		100
50) Dimethylphthalate	13.922	163	2094856	43.80	ng		99
51) 2,6-Dinitrotoluene	14.040	165	457791	44.89	ng		94
52) Acenaphthene	14.528	154	1808909	52.01	ng		99
53) 3-Nitroaniline	14.369	138	210869	19.00	ng		93
54) 2,4-Dinitrophenol	14.592	184	489918	69.61	ng		96
55) Dibenzofuran	14.863	168	2701989	47.98	ng		98
56) 4-Nitrophenol	14.692	139	760692	98.74	ng		91
57) 2,4-Dinitrotoluene	14.839	165	631604	45.31	ng		95
58) Fluorene	15.516	166	2225965	49.51	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	614306	46.67	ng	#	90
60) Diethylphthalate	15.292	149	1980996	42.35	ng		97
61) 4-Chlorophenyl-phenyle...	15.510	204	1078510	42.44	ng		93
62) 4-Nitroaniline	15.545	138	423262	36.11	ng		95
63) Azobenzene	15.804	77	1508840	42.60	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	359867	48.32	ng		95
66) n-Nitrosodiphenylamine	15.728	169	1771092	44.68	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	738866	43.24	ng		94
68) Hexachlorobenzene	16.528	284	879066	43.06	ng		94
69) Atrazine	16.686	200	577066	41.39	ng		97
70) Pentachlorophenol	16.881	266	981209	107.11	ng		94
71) Phenanthrene	17.269	178	4477753	61.08	ng		99
72) Anthracene	17.357	178	3371365	47.46	ng		99
73) Carbazole	17.633	167	2978847	44.99	ng		99
74) Di-n-butylphthalate	18.180	149	3444094	43.04	ng		99
75) Fluoranthene	19.239	202	5229040	58.62	ng		99
77) Benzidine	19.416	184	1596097	45.59	ng		99
78) Pyrene	19.592	202	4885998	53.66	ng		99
80) Butylbenzylphthalate	20.463	149	1533255	41.63	ng		94
81) Benzo(a)anthracene	21.304	228	4226340	46.43	ng		99
82) 3,3'-Dichlorobenzidine	21.233	252	1157540	35.28	ng		98
83) Chrysene	21.357	228	3981205	45.95	ng		99
84) Bis(2-ethylhexyl)phtha...	21.221	149	2557299	48.63	ng		98
85) Di-n-octyl phthalate	22.127	149	3846892	43.08	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.104	276	5441769	47.78	ng	#	95
88) Benzo(b)fluoranthene	22.957	252	4563152	47.77	ng		98
89) Benzo(k)fluoranthene	23.004	252	4345940	47.71	ng		98
90) Benzo(a)pyrene	23.568	252	4086151	45.86	ng		98
91) Dibenzo(a,h)anthracene	26.115	278	4501503	47.90	ng	#	96
92) Benzo(g,h,i)perylene	26.845	276	4583862	49.53	ng	#	95

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

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