Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005553.D
Acq On : 14 May 2021 17:33
Operator : CG/JU
Sample : M2371-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-206MS

Manual Integrations APPROVED
mohammad
5/17/2021 11:19:30 AM

Quant Time: May 14 18:05:33 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 14 12:01:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	10232	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	33464	20.00	ng	#	0.00
39) Acenaphthene-d10	14.328	164	25324	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	60942	20.00	ng	#	0.00
76) Chrysene-d12	21.192	240	95491	20.00	ng	#	0.00
86) Perylene-d12	23.498	264	117600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	74346	139.44	ng		0.00
7) Phenol-d6	6.881	99	79223	119.16	ng		0.00
23) Nitrobenzene-d5	8.846	82	79555	93.57	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	90427	125.83	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	200488	89.31	ng		0.00
79) Terphenyl-d14	19.663	244	459470	81.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	8626	41.68	ng	#	47
3) Pyridine	3.587	79	19797	41.94	ng	#	78
4) n-Nitrosodimethylamine	3.487	42	18317	48.25	ng	#	9
6) Aniline	7.016	93	7135	9.94	ng	#	76
8) 2-Chlorophenol	7.246	128	27997	48.89	ng		90
9) Benzaldehyde	6.828	77	22451	68.84	ng	#	73
10) Phenol	6.905	94	30986	46.60	ng	#	43
11) bis(2-Chloroethyl)ether	7.116	93	23214	50.55	ng		96
12) 1,3-Dichlorobenzene	7.563	146	36385	47.76	ng	#	90
13) 1,4-Dichlorobenzene	7.710	146	36568	48.16	ng		96
14) 1,2-Dichlorobenzene	8.028	146	34579	47.51	ng		96
15) Benzyl Alcohol	7.940	79	33136	51.67	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.205	45	11531	50.85	ng	#	69
17) 2-Methylphenol	8.146	107	22266m	48.76	ng		
18) Hexachloroethane	8.740	117	14440	45.91	ng		88
19) n-Nitroso-di-n-propyla...	8.493	70	24012	49.32	ng		95
20) 3+4-Methylphenols	8.481	107	30765	50.68	ng	#	88
22) Acetophenone	8.510	105	47538	50.36	ng	#	90
24) Nitrobenzene	8.887	77	39555	46.38	ng	#	93
25) Isophorone	9.416	82	58219	44.22	ng		99
26) 2-Nitrophenol	9.599	139	16656	46.64	ng	#	82
27) 2,4-Dimethylphenol	9.675	122	23413	49.53	ng	#	82
28) bis(2-Chloroethoxy)met...	9.899	93	28008	50.82	ng		98
29) 2,4-Dichlorophenol	10.140	162	33817	45.56	ng		91
30) 1,2,4-Trichlorobenzene	10.334	180	42958	45.30	ng		97
31) Naphthalene	10.516	128	85488	47.51	ng		98
32) Benzoic acid	9.875	122	13328	36.50	ng	#	77
33) 4-Chloroaniline	10.669	127	4230	6.04	ng	#	86
34) Hexachlorobutadiene	10.793	225	34822	44.03	ng		95
35) Caprolactam	11.469	113	6037	35.35	ng		86
36) 4-Chloro-3-methylphenol	11.804	107	30186	45.61	ng		97
37) 2-Methylnaphthalene	12.140	142	67427	46.71	ng		96
38) 1-Methylnaphthalene	12.363	142	62220	45.66	ng		95
40) 1,2,4,5-Tetrachloroben...	12.516	216	55471	47.68	ng		96
41) Hexachlorocyclopentadiene	12.481	237	24010	52.13	ng		97
43) 2,4,6-Trichlorophenol	12.775	196	34005	46.78	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	36750	46.85	ng		93
46) 1,1'-Biphenyl	13.163	154	96888	49.69	ng		96
47) 2-Chloronaphthalene	13.204	162	77266	47.59	ng		98
48) 2-Nitroaniline	13.434	65	23600	51.17	ng		98
49) Acenaphthylene	14.051	152	114663	49.02	ng		99
50) Dimethylphthalate	13.804	163	105921	48.45	ng		98
51) 2,6-Dinitrotoluene	13.934	165	22972	46.80	ng		84
52) Acenaphthene	14.398	154	68259	46.91	ng		96
53) 3-Nitroaniline	14.275	138	5713	16.24	ng	#	85
54) 2,4-Dinitrophenol	14.492	184	17222	58.16	ng		84
55) Dibenzofuran	14.734	168	126706	46.29	ng		97
56) 4-Nitrophenol	14.616	139	22406	84.40	ng	#	77
57) 2,4-Dinitrotoluene	14.728	165	33198	45.87	ng	#	84
58) Fluorene	15.387	166	103373	46.25	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.975	232	35665	45.47	ng		95
60) Diethylphthalate	15.169	149	98041	46.30	ng		97
61) 4-Chlorophenyl-phenyle...	15.381	204	64513	46.13	ng		97
62) 4-Nitroaniline	15.434	138	13779	40.78	ng	#	87
63) Azobenzene	15.675	77	102988	47.19	ng		87
65) 4,6-Dinitro-2-methylph...	15.498	198	12417	25.71	ng		96
66) n-Nitrosodiphenylamine	15.604	169	89452	50.29	ng		92
67) 4-Bromophenyl-phenylether	16.281	248	47000	49.41	ng		98
68) Hexachlorobenzene	16.392	284	59688	49.47	ng		97
69) Atrazine	16.569	200	41058	49.42	ng		97
70) Pentachlorophenol	16.751	266	62555	97.73	ng		90
71) Phenanthrene	17.133	178	169590	48.97	ng		99
72) Anthracene	17.222	178	175121	50.96	ng		99
73) Carbazole	17.510	167	141901	46.88	ng		97
74) Di-n-butylphthalate	18.057	149	160799	48.40	ng	#	96
75) Fluoranthene	19.110	202	236957	49.75	ng		98
77) Benzidine	19.304	184	79454	53.75	ng		99
78) Pyrene	19.463	202	246473	45.59	ng		99
80) Butylbenzylphthalate	20.339	149	79716	45.64	ng	#	87
81) Benzo(a)anthracene	21.174	228	301540	48.73	ng		98
82) 3,3'-Dichlorobenzidine	21.116	252	103729	44.49	ng	#	97
83) Chrysene	21.227	228	295080	49.20	ng		99
84) Bis(2-ethylhexyl)phtha...	21.098	149	119570	44.77	ng	#	98
85) Di-n-octyl phthalate	21.986	149	220617	49.18	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.909	276	530816	53.65	ng	#	97
88) Benzo(b)fluoranthene	22.798	252	389264	49.67	ng	#	99
89) Benzo(k)fluoranthene	22.845	252	368343	48.07	ng	#	99
90) Benzo(a)pyrene	23.398	252	368065	51.24	ng	#	96
91) Dibenzo(a,h)anthracene	25.915	278	464320	53.19	ng	#	98
92) Benzo(g,h,i)perylene	26.645	276	419011	51.87	ng	#	96

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

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