Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP007003.D
Acq On : 16 Sep 2021 19:28
Operator : CG/JU
Sample : M3686-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MAIN-GUARD-HOUSE-JET-GROUT

Manual Integrations APPROVED
mohammad
9/17/2021 11:29:52 AM

Quant Time: Sep 17 02:38:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 16 15:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	329404	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	1287102	20.000	ng	#-0.01
39) Acenaphthene-d10	14.540	164	820997	20.000	ng	0.00
64) Phenanthrene-d10	17.287	188	1720588	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1723228	20.000	ng	#-0.02
86) Perylene-d12	23.774	264	1734064	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1947715	96.552	ng	0.00
7) Phenol-d6	7.075	99	2266389	82.313	ng	0.00
23) Nitrobenzene-d5	9.075	82	1718719	74.999	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	1108308	112.252	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4401154	74.005	ng	0.00
79) Terphenyl-d14	19.839	244	6761697	75.284	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	308511	34.927	ng	# 89
3) Pyridine	3.787	79	595394	26.215	ng	# 85
4) n-Nitrosodimethylamine	3.693	42	328989	39.431	ng	# 81
6) Aniline	7.240	93	777248	26.198	ng	98
8) 2-Chlorophenol	7.475	128	822974	36.399	ng	97
9) Benzaldehyde	7.052	77	471136	36.521	ng	92
10) Phenol	7.105	94	904432	32.585	ng	90
11) bis(2-Chloroethyl)ether	7.334	93	893636	41.769	ng	96
12) 1,3-Dichlorobenzene	7.799	146	986995	38.961	ng	97
13) 1,4-Dichlorobenzene	7.946	146	1018159	39.641	ng	98
14) 1,2-Dichlorobenzene	8.263	146	976394	39.699	ng	98
15) Benzyl Alcohol	8.152	79	778073	43.814	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1039116	41.546	ng	88
17) 2-Methylphenol	8.352	107	695451	39.007	ng	93
18) Hexachloroethane	8.993	117	342062	40.100	ng	95
19) n-Nitroso-di-n-propyla...	8.722	70	632027	41.811	ng	98
20) 3+4-Methylphenols	8.681	107	925188	38.338	ng	94
22) Acetophenone	8.734	105	1379824	42.506	ng	# 98
24) Nitrobenzene	9.116	77	951661	39.805	ng	96
25) Isophorone	9.640	82	1751414	41.345	ng	99
26) 2-Nitrophenol	9.822	139	404439	39.018	ng	# 91
27) 2,4-Dimethylphenol	9.887	122	814482	44.654	ng	97
28) bis(2-Chloroethoxy)met...	10.122	93	1172731	45.627	ng	99
29) 2,4-Dichlorophenol	10.357	162	810858	38.912	ng	100
30) 1,2,4-Trichlorobenzene	10.575	180	947612	39.991	ng	97
31) Naphthalene	10.763	128	2838212	39.797	ng	99
32) Benzoic acid	10.010	122	441774	34.498	ng	93
33) 4-Chloroaniline	10.869	127	281747	10.175	ng	98
34) Hexachlorobutadiene	11.052	225	550307	39.436	ng	97
35) Caprolactam	11.657	113	222230m	38.757	ng	
36) 4-Chloro-3-methylphenol	11.993	107	861043	40.961	ng	96
37) 2-Methylnaphthalene	12.369	142	2105211	41.638	ng	96
38) 1-Methylnaphthalene	12.587	142	1943728	40.713	ng	99
40) 1,2,4,5-Tetrachloroben...	12.740	216	1086991	41.604	ng	99
41) Hexachlorocyclopentadiene	12.722	237	1264847	97.457	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	666531	39.464	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	735088	39.502	ng		97
46) 1,1'-Biphenyl	13.375	154	2618470	40.888	ng		99
47) 2-Chloronaphthalene	13.416	162	2092217	41.464	ng		98
48) 2-Nitroaniline	13.616	65	572001	49.474	ng		95
49) Acenaphthylene	14.263	152	3348011	43.786	ng		100
50) Dimethylphthalate	13.998	163	2679177	44.710	ng		99
51) 2,6-Dinitrotoluene	14.116	165	592484	45.433	ng		91
52) Acenaphthene	14.604	154	2013458	41.604	ng		99
53) 3-Nitroaniline	14.440	138	337233	25.870	ng		99
54) 2,4-Dinitrophenol	14.646	184	568661	82.235	ng		91
55) Dibenzofuran	14.940	168	3259466	41.581	ng		95
56) 4-Nitrophenol	14.746	139	870532	78.685	ng	#	81
57) 2,4-Dinitrotoluene	14.898	165	817056	48.952	ng		94
58) Fluorene	15.587	166	2622237	42.860	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	622714m	38.905	ng		
60) Diethylphthalate	15.363	149	2639086	45.794	ng		98
61) 4-Chlorophenyl-phenyle...	15.581	204	1330722	43.364	ng		92
62) 4-Nitroaniline	15.604	138	604564	46.135	ng	#	80
63) Azobenzene	15.875	77	2318670	43.445	ng		93
65) 4,6-Dinitro-2-methylph...	15.663	198	358956	34.402	ng		98
66) n-Nitrosodiphenylamine	15.793	169	2333887	42.622	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	821662	43.201	ng		97
68) Hexachlorobenzene	16.592	284	918153	42.941	ng		98
69) Atrazine	16.751	200	854296	52.468	ng		98
70) Pentachlorophenol	16.934	266	1086247	84.594	ng		99
71) Phenanthrene	17.328	178	4199227	42.070	ng		99
72) Anthracene	17.416	178	4240897	44.407	ng		99
73) Carbazole	17.687	167	3947730	42.373	ng		99
74) Di-n-butylphthalate	18.239	149	4539463	47.642	ng		98
75) Fluoranthene	19.292	202	4918623	42.782	ng		97
77) Benzidine	19.469	184	1083925	26.411	ng		99
78) Pyrene	19.639	202	5046881	42.264	ng		98
80) Butylbenzylphthalate	20.516	149	2007148	48.012	ng		95
81) Benzo(a)anthracene	21.351	228	4903682	41.877	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	1144741	34.381	ng		98
83) Chrysene	21.404	228	4802779	41.798	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2945170	47.927	ng		98
85) Di-n-octyl phthalate	22.204	149	5022262	50.004	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	5822531	44.244	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	5067552	43.025	ng	#	97
89) Benzo(k)fluoranthene	23.086	252	4988375	43.514	ng	#	97
90) Benzo(a)pyrene	23.669	252	4852723	45.943	ng	#	98
91) Dibenzo(a,h)anthracene	26.327	278	4991903	43.849	ng	#	95
92) Benzo(g,h,i)perylene	27.086	276	4871886	44.358	ng	#	95

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

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