Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100121\
Data File : BP007295.D
Acq On : 01 Oct 2021 17:36
Operator : CG/JU
Sample : M3999-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
229-342MS

Manual Integrations APPROVED
mohammad
10/4/2021 11:53:01 AM

Quant Time: Oct 02 02:25:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	182318	20.00	ng		0.00
21) Naphthalene-d8	10.669	136	716572	20.00	ng		# 0.00
39) Acenaphthene-d10	14.504	164	454255	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	934367	20.00	ng		# 0.00
76) Chrysene-d12	21.345	240	932606	20.00	ng		0.00
86) Perylene-d12	23.745	264	997771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1374131	126.17	ng		0.00
7) Phenol-d6	7.052	99	1570421	105.50	ng		0.00
23) Nitrobenzene-d5	9.034	82	1066897	86.71	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	791742	134.44	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2636518	83.15	ng		0.00
79) Terphenyl-d14	19.816	244	4100244	84.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	166206	37.74	ng	#	28
3) Pyridine	3.758	79	293609	24.36	ng	#	84
4) n-Nitrosodimethylamine	3.658	42	188699	45.67	ng	#	87
6) Aniline	7.199	93	395188	24.08	ng		99
8) 2-Chlorophenol	7.434	128	521085	44.02	ng		98
9) Benzaldehyde	7.010	77	329784m	39.33	ng		
10) Phenol	7.081	94	560925	39.08	ng		91
11) bis(2-Chloroethyl)ether	7.293	93	475607	41.98	ng		95
12) 1,3-Dichlorobenzene	7.757	146	538311	40.32	ng		97
13) 1,4-Dichlorobenzene	7.904	146	553071	40.63	ng		97
14) 1,2-Dichlorobenzene	8.216	146	536000	40.64	ng		99
15) Benzyl Alcohol	8.116	79	427991	44.89	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.404	45	542301	41.81	ng		91
17) 2-Methylphenol	8.328	107	418592	43.27	ng		94
18) Hexachloroethane	8.940	117	174547	38.19	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	338369	41.79	ng		99
20) 3+4-Methylphenols	8.657	107	553942	41.41	ng		96
22) Acetophenone	8.699	105	740548	42.89	ng	#	98
24) Nitrobenzene	9.075	77	523785	44.65	ng		97
25) Isophorone	9.604	82	934973	43.58	ng		98
26) 2-Nitrophenol	9.787	139	231632	37.87	ng	#	89
27) 2,4-Dimethylphenol	9.851	122	469618	48.76	ng		98
28) bis(2-Chloroethoxy)met...	10.081	93	603646	39.88	ng		99
29) 2,4-Dichlorophenol	10.328	162	503266	44.79	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	529914	41.40	ng		99
31) Naphthalene	10.716	128	1532904	41.92	ng		100
32) Benzoic acid	10.022	122	305007	41.20	ng		95
33) 4-Chloroaniline	10.840	127	150796	9.98	ng		98
34) Hexachlorobutadiene	10.998	225	315693	41.19	ng		100
35) Caprolactam	11.645	113	121054	35.02	ng	#	72
36) 4-Chloro-3-methylphenol	11.975	107	495200	43.36	ng		97
37) 2-Methylnaphthalene	12.328	142	1128673	44.08	ng		96
38) 1-Methylnaphthalene	12.545	142	1039474	41.54	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	598587	43.03	ng		99
41) Hexachlorocyclopentadiene	12.669	237	242250	31.42	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	412348	43.44	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	444314	43.47	ng		97
46) 1,1'-Biphenyl	13.339	154	1377089	40.76	ng		99
47) 2-Chloronaphthalene	13.381	162	1115950	42.64	ng		98
48) 2-Nitroaniline	13.592	65	323502	50.69	ng		94
49) Acenaphthylene	14.222	152	1772345	43.97	ng		100
50) Dimethylphthalate	13.963	163	1354934	41.47	ng		99
51) 2,6-Dinitrotoluene	14.087	165	281819	42.23	ng		94
52) Acenaphthene	14.569	154	1047452	42.89	ng		99
53) 3-Nitroaniline	14.416	138	219282	30.39	ng		97
54) 2,4-Dinitrophenol	14.634	184	56920	14.81	ng		97
55) Dibenzofuran	14.904	168	1687770	41.42	ng		96
56) 4-Nitrophenol	14.745	139	479428	81.84	ng	#	85
57) 2,4-Dinitrotoluene	14.875	165	380065	43.16	ng		96
58) Fluorene	15.551	166	1373349	43.62	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	381551m	42.51	ng		
60) Diethylphthalate	15.328	149	1349619	42.63	ng		98
61) 4-Chlorophenyl-phenyle...	15.545	204	697251	41.91	ng		92
62) 4-Nitroaniline	15.581	138	348135	47.97	ng	#	84
63) Azobenzene	15.839	77	1195865	43.59	ng		95
65) 4,6-Dinitro-2-methylph...	15.645	198	43268	7.72	ng		96
66) n-Nitrosodiphenylamine	15.763	169	1199557	43.15	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	435873	42.56	ng		94
68) Hexachlorobenzene	16.557	284	499373	44.12	ng		99
69) Atrazine	16.722	200	418651	42.72	ng		98
70) Pentachlorophenol	16.910	266	622584	88.58	ng		99
71) Phenanthrene	17.298	178	2185204	43.62	ng		99
72) Anthracene	17.386	178	2256841	46.05	ng		99
73) Carbazole	17.663	167	2057190	42.84	ng		99
74) Di-n-butylphthalate	18.210	149	2426653	45.59	ng		99
75) Fluoranthene	19.263	202	2611197	45.24	ng		98
77) Benzidine	19.445	184	1613924	56.31	ng		100
78) Pyrene	19.616	202	2688587	43.94	ng		99
80) Butylbenzylphthalate	20.486	149	1126327	45.97	ng		96
81) Benzo(a)anthracene	21.327	228	2615936	43.21	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	1028514	49.47	ng		99
83) Chrysene	21.380	228	2529979	43.73	ng		98
84) Bis(2-ethylhexyl)phtha...	21.245	149	1611781	45.75	ng		98
85) Di-n-octyl phthalate	22.168	149	2851531	47.54	ng		100
87) Indeno(1,2,3-cd)pyrene	26.274	276	3198809	44.61	ng	#	96
88) Benzo(b)fluoranthene	23.015	252	2780729	46.63	ng	#	98
89) Benzo(k)fluoranthene	23.063	252	2620455	43.40	ng	#	98
90) Benzo(a)pyrene	23.645	252	2663247	52.57	ng	#	98
91) Dibenzo(a,h)anthracene	26.286	278	2716125	45.20	ng	#	96
92) Benzo(g,h,i)perylene	27.045	276	2640497	45.03	ng	#	93

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

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