Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
Data File : BM032304.D
Acq On : 30 Sep 2021 20:41
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 01 10:41:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 10:39:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM100121

Manual Integrations APPROVED
mohammad
10/1/2021 11:31:48 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	306434	20.000	ng		0.00
21) Naphthalene-d8	10.436	136	1304426	20.000	ng	#	0.00
39) Acenaphthene-d10	14.289	164	867445	20.000	ng		0.00
64) Phenanthrene-d10	17.018	188	1865696	20.000	ng		0.00
76) Chrysene-d12	21.183	240	1861981	20.000	ng	#	0.00
86) Perylene-d12	23.341	264	2141312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	1392055	76.765	ng		0.00
7) Phenol-d6	6.831	99	2032367	77.171	ng		0.00
23) Nitrobenzene-d5	8.801	82	1825493	78.650	ng		0.00
42) 2,4,6-Tribromophenol	15.777	330	804401	85.424	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	4145519	77.237	ng		0.00
79) Terphenyl-d14	19.630	244	6012774	82.495	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.007	88	279240	36.846	ng		90
3) Pyridine	3.419	79	819937	37.553	ng		93
4) n-Nitrosodimethylamine	3.337	42	325677	36.558	ng	#	59
6) Aniline	6.966	93	1146881	38.758	ng		91
8) 2-Chlorophenol	7.213	128	790378	39.076	ng		93
9) Benzaldehyde	6.766	77	559391	36.678	ng		86
10) Phenol	6.860	94	979292	38.595	ng		81
11) bis(2-Chloroethyl)ether	7.060	93	766550	37.900	ng		93
12) 1,3-Dichlorobenzene	7.536	146	859487	38.326	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	876173	38.357	ng		97
14) 1,2-Dichlorobenzene	8.001	146	852423	38.375	ng		96
15) Benzyl Alcohol	7.883	79	740373	40.814	ng		86
16) 2,2'-oxybis(1-Chloropr...	8.178	45	976735	36.303	ng		98
17) 2-Methylphenol	8.101	107	684813	40.056	ng	#	90
18) Hexachloroethane	8.730	117	303845	39.946	ng		92
19) n-Nitroso-di-n-propyla...	8.454	70	594597	39.985	ng	#	83
20) 3+4-Methylphenols	8.431	107	948447	40.309	ng		93
22) Acetophenone	8.460	105	1225177	38.311	ng	#	88
24) Nitrobenzene	8.842	77	877132	38.898	ng	#	86
25) Isophorone	9.360	82	1621480	40.816	ng	#	94
26) 2-Nitrophenol	9.554	139	438569	43.499	ng	#	72
27) 2,4-Dimethylphenol	9.625	122	708578	39.860	ng		93
28) bis(2-Chloroethoxy)met...	9.842	93	1098899	38.157	ng		98
29) 2,4-Dichlorophenol	10.089	162	790091	40.631	ng		96
30) 1,2,4-Trichlorobenzene	10.301	180	845064	39.184	ng		99
31) Naphthalene	10.483	128	2566346	38.391	ng		99
32) Benzoic acid	9.795	122	575583	41.861	ng	#	81
33) 4-Chloroaniline	10.589	127	1125955	39.600	ng	#	94
34) Hexachlorobutadiene	10.789	225	497325	39.575	ng		98
35) Caprolactam	11.348	113	291276	41.036	ng	#	79
36) 4-Chloro-3-methylphenol	11.736	107	893663	41.086	ng		95
37) 2-Methylnaphthalene	12.095	142	1813289m	39.312	ng		
38) 1-Methylnaphthalene	12.319	142	1771923	39.234	ng		97
40) 1,2,4,5-Tetrachloroben...	12.483	216	917022	37.793	ng	#	96
41) Hexachlorocyclopentadiene	12.471	237	441051	41.473	ng		99
43) 2,4,6-Trichlorophenol	12.718	196	680235	40.426	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	731851	40.184	ng	#	91
46) 1,1'-Biphenyl	13.118	154	2417770	37.962	ng		99
47) 2-Chloronaphthalene	13.160	162	1850538	38.145	ng		98
48) 2-Nitroaniline	13.360	65	569466	42.548	ng	#	77
49) Acenaphthylene	14.007	152	3000539	39.675	ng		99
50) Dimethylphthalate	13.742	163	2417067	39.844	ng		99
51) 2,6-Dinitrotoluene	13.854	165	514838	42.597	ng	#	63
52) Acenaphthene	14.354	154	1973508	39.083	ng		97
53) 3-Nitroaniline	14.189	138	606133	42.843	ng		85
54) 2,4-Dinitrophenol	14.389	184	310416	41.096	ng	#	62
55) Dibenzofuran	14.689	168	2957577	38.556	ng		93
56) 4-Nitrophenol	14.507	139	522181	43.428	ng	#	68
57) 2,4-Dinitrotoluene	14.642	165	720730	44.838	ng	#	60
58) Fluorene	15.336	166	2160657	37.662	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.918	232	650683	40.957	ng	#	83
60) Diethylphthalate	15.107	149	2435781	40.621	ng		96
61) 4-Chlorophenyl-phenyle...	15.324	204	1115797	38.440	ng		91
62) 4-Nitroaniline	15.354	138	627355	43.384	ng	#	69
63) Azobenzene	15.618	77	2304594	39.762	ng		84
65) 4,6-Dinitro-2-methylph...	15.412	198	455616	42.650	ng	#	71
66) n-Nitrosodiphenylamine	15.542	169	2064353	37.850	ng		98
67) 4-Bromophenyl-phenylether	16.212	248	729132	39.148	ng		91
68) Hexachlorobenzene	16.348	284	805584	39.096	ng	#	83
69) Atrazine	16.483	200	742316	40.606	ng		95
70) Pentachlorophenol	16.683	266	551570	43.267	ng		98
71) Phenanthrene	17.059	178	3711837	37.664	ng		100
72) Anthracene	17.148	178	3707345	38.821	ng		99
73) Carbazole	17.412	167	3764691	38.629	ng		99
74) Di-n-butylphthalate	17.971	149	4178905	42.179	ng	#	97
75) Fluoranthene	19.065	202	4343762	38.949	ng		96
77) Benzidine	19.242	184	1836499	39.946	ng		98
78) Pyrene	19.430	202	4527498	39.041	ng		98
80) Butylbenzylphthalate	20.318	149	1984106	44.806	ng		89
81) Benzo(a)anthracene	21.165	228	4481144	39.122	ng		97
82) 3,3'-Dichlorobenzidine	21.100	252	1520971	41.371	ng		99
83) Chrysene	21.218	228	4294102	38.458	ng		99
84) Bis(2-ethylhexyl)phtha...	21.089	149	2649118	44.234	ng	#	94
85) Di-n-octyl phthalate	21.936	149	4908092	45.660	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.494	276	5467983	38.270	ng		96
88) Benzo(b)fluoranthene	22.700	252	4827265	40.081	ng		99
89) Benzo(k)fluoranthene	22.741	252	4404373	35.981	ng		97
90) Benzo(a)pyrene	23.247	252	4065406	39.562	ng		98
91) Dibenzo(a,h)anthracene	25.494	278	4528690	38.238	ng	#	95
92) Benzo(g,h,i)perylene	26.153	276	4740867	38.644	ng	#	95

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

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