Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090221\
Data File : BM032024.D
Acq On : 02 Sep 2021 16:17
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 02 17:43:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 17:39:57 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
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9/3/2021 3:31:07 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.493	152	64820	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	245120	20.000	ng	#	0.00
39) Acenaphthene-d10	14.134	164	162318	20.000	ng		0.00
64) Phenanthrene-d10	16.892	188	323227	20.000	ng		0.00
76) Chrysene-d12	21.098	240	322057	20.000	ng		0.00
86) Perylene-d12	23.239	264	347453	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.134	112	153727	37.880	ng		0.00
7) Phenol-d6	6.693	99	205553	35.324	ng		0.00
23) Nitrobenzene-d5	8.646	82	204115	37.667	ng		0.00
42) 2,4,6-Tribromophenol	15.639	330	82390	47.021	ng		0.00
45) 2-Fluorobiphenyl	12.745	172	496807	41.393	ng		0.00
79) Terphenyl-d14	19.545	244	701586	35.021	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	33183	20.586	ng		95
3) Pyridine	3.534	79	87294	20.624	ng		94
4) n-Nitrosodimethylamine	3.458	42	38874	17.077	ng	#	75
6) Aniline	6.846	93	106452	17.118	ng		94
8) 2-Chlorophenol	7.063	128	86306	18.363	ng		92
9) Benzaldehyde	6.663	77	65475	18.345	ng		88
10) Phenol	6.716	94	100579	17.422	ng		91
11) bis(2-Chloroethyl)ether	6.946	93	75107	17.046	ng		93
12) 1,3-Dichlorobenzene	7.381	146	100409	20.140	ng	#	94
13) 1,4-Dichlorobenzene	7.528	146	101285	19.797	ng		97
14) 1,2-Dichlorobenzene	7.834	146	96357	19.468	ng		96
15) Benzyl Alcohol	7.746	79	72268	16.471	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.028	45	96501	15.952	ng		97
17) 2-Methylphenol	7.946	107	66776	17.087	ng		96
18) Hexachloroethane	8.540	117	36218	18.139	ng	#	88
19) n-Nitroso-di-n-propyla...	8.304	70	65499	15.885	ng		92
20) 3+4-Methylphenols	8.269	107	91007	16.858	ng		93
22) Acetophenone	8.316	105	127474	19.142	ng	#	92
24) Nitrobenzene	8.687	77	102486	18.604	ng		93
25) Isophorone	9.210	82	167340	17.548	ng	#	94
26) 2-Nitrophenol	9.387	139	45215	19.834	ng	#	81
27) 2,4-Dimethylphenol	9.457	122	67091	19.271	ng		99
28) bis(2-Chloroethoxy)met...	9.693	93	90682	18.084	ng		98
29) 2,4-Dichlorophenol	9.916	162	85654	21.923	ng		91
30) 1,2,4-Trichlorobenzene	10.116	180	100663	23.607	ng		97
31) Naphthalene	10.298	128	264481	19.486	ng		100
32) Benzoic acid	9.593	122	44607	15.961	ng		88
33) 4-Chloroaniline	10.434	127	104612	18.951	ng		95
34) Hexachlorobutadiene	10.575	225	64283	24.877	ng		96
35) Caprolactam	11.222	113	20010	16.335	ng	#	77
36) 4-Chloro-3-methylphenol	11.563	107	80581	17.626	ng		89
37) 2-Methylnaphthalene	11.922	142	194326	19.752	ng		96
38) 1-Methylnaphthalene	12.145	142	185038m	19.707	ng		
40) 1,2,4,5-Tetrachloroben...	12.298	216	107302	22.898	ng	#	95
41) Hexachlorocyclopentadiene	12.263	237	43875	20.208	ng		93
43) 2,4,6-Trichlorophenol	12.557	196	70699	21.213	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.628	196	76196	21.046	ng	#	90
46) 1,1'-Biphenyl	12.957	154	250512	19.708	ng		97
47) 2-Chloronaphthalene	12.998	162	202683	20.230	ng		94
48) 2-Nitroaniline	13.228	65	50601	15.802	ng	#	85
49) Acenaphthylene	13.851	152	303270	19.160	ng		99
50) Dimethylphthalate	13.610	163	238094	18.982	ng		99
51) 2,6-Dinitrotoluene	13.734	165	54043	19.206	ng	#	70
52) Acenaphthene	14.198	154	187209	19.291	ng		96
53) 3-Nitroaniline	14.069	138	48723	17.607	ng		88
54) 2,4-Dinitrophenol	14.292	184	27888	17.757	ng	#	62
55) Dibenzofuran	14.539	168	311952	19.772	ng		94
56) 4-Nitrophenol	14.392	139	36895	16.658	ng	#	81
57) 2,4-Dinitrotoluene	14.533	165	71542	18.718	ng	#	80
58) Fluorene	15.192	166	246311	19.293	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.775	232	65661	21.421	ng	#	82
60) Diethylphthalate	14.986	149	228171	17.377	ng		95
61) 4-Chlorophenyl-phenyle...	15.198	204	126677	20.584	ng		89
62) 4-Nitroaniline	15.239	138	45844	16.930	ng	#	82
63) Azobenzene	15.492	77	224534	15.504	ng		90
65) 4,6-Dinitro-2-methylph...	15.304	198	42333	19.634	ng	#	71
66) n-Nitrosodiphenylamine	15.416	169	213585	19.623	ng		96
67) 4-Bromophenyl-phenylether	16.092	248	74886	21.770	ng		91
68) Hexachlorobenzene	16.192	284	85297	23.203	ng	#	84
69) Atrazine	16.386	200	66058	19.434	ng		93
70) Pentachlorophenol	16.551	266	48957	21.301	ng		98
71) Phenanthrene	16.933	178	385431	20.076	ng		99
72) Anthracene	17.027	178	370366	19.791	ng		99
73) Carbazole	17.310	167	349213	19.419	ng		96
74) Di-n-butylphthalate	17.880	149	349396	16.181	ng		98
75) Fluoranthene	18.963	202	427851	20.477	ng		97
77) Benzidine	19.174	184	110839	14.023	ng		99
78) Pyrene	19.327	202	444240	17.354	ng		99
80) Butylbenzylphthalate	20.251	149	149131	13.710	ng		91
81) Benzo(a)anthracene	21.086	228	435039	18.963	ng		99
82) 3,3'-Dichlorobenzidine	21.033	252	121068	19.050	ng	#	99
83) Chrysene	21.139	228	434107	19.426	ng		97
84) Bis(2-ethylhexyl)phtha...	21.033	149	209369	13.324	ng	#	96
85) Di-n-octyl phthalate	21.886	149	354387	14.277	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.333	276	544442	22.525	ng		96
88) Benzo(b)fluoranthene	22.604	252	451885	17.578	ng		99
89) Benzo(k)fluoranthene	22.645	252	459191	18.658	ng		99
90) Benzo(a)pyrene	23.145	252	425035	18.845	ng		98
91) Dibenzo(a,h)anthracene	25.345	278	466139	22.237	ng		97
92) Benzo(g,h,i)perylene	25.974	276	459538	23.274	ng		97

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

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