Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032887.D
Acq On : 08 Nov 2021 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Nov 08 11:20:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.484	152	135810	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	571157	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	390639	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	830898	20.000	ng		-0.01
76) Chrysene-d12	21.071	240	787581	20.000	ng		0.00
86) Perylene-d12	23.177	264	810999	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.072	112	615316	78.988	ng		0.00
7) Phenol-d6	6.690	99	898015	77.410	ng		0.00
23) Nitrobenzene-d5	8.642	82	862915	82.691	ng		0.00
42) 2,4,6-Tribromophenol	15.642	330	369162	84.382	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1985414	78.829	ng		0.00
79) Terphenyl-d14	19.518	244	2915962	80.834	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.908	88	126830	42.541	ng		89
3) Pyridine	3.319	79	355538	38.956	ng		91
4) n-Nitrosodimethylamine	3.231	42	156652	40.446	ng	#	69
6) Aniline	6.819	93	510212	39.390	ng		93
8) 2-Chlorophenol	7.060	128	352501	38.836	ng		93
9) Benzaldehyde	6.619	77	231433	35.348	ng		88
10) Phenol	6.719	94	429914	38.611	ng		86
11) bis(2-Chloroethyl)ether	6.913	93	340857	38.772	ng		95
12) 1,3-Dichlorobenzene	7.372	146	384818	38.371	ng	#	92
13) 1,4-Dichlorobenzene	7.519	146	395934	38.537	ng		97
14) 1,2-Dichlorobenzene	7.837	146	391813	38.754	ng		98
15) Benzyl Alcohol	7.737	79	333304	40.363	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.019	45	479551	37.950	ng		97
17) 2-Methylphenol	7.954	107	306459	39.181	ng	#	92
18) Hexachloroethane	8.560	117	144463	39.765	ng	#	90
19) n-Nitroso-di-n-propyla...	8.295	70	282567	39.782	ng		86
20) 3+4-Methylphenols	8.284	107	419407	39.177	ng		97
22) Acetophenone	8.307	105	560668	40.186	ng	#	90
24) Nitrobenzene	8.684	77	407339	40.740	ng	#	89
25) Isophorone	9.201	82	762608	41.356	ng		97
26) 2-Nitrophenol	9.389	139	208259	44.617	ng	#	78
27) 2,4-Dimethylphenol	9.472	122	309007	40.234	ng		96
28) bis(2-Chloroethoxy)met...	9.689	93	492699	39.990	ng		100
29) 2,4-Dichlorophenol	9.931	162	361410	41.032	ng		96
30) 1,2,4-Trichlorobenzene	10.136	180	389393	39.777	ng		99
31) Naphthalene	10.313	128	1171377	39.511	ng		99
32) Benzoic acid	9.666	122	284298	45.774	ng	#	84
33) 4-Chloroaniline	10.431	127	499179	40.322	ng		95
34) Hexachlorobutadiene	10.619	225	240607	40.432	ng		97
35) Caprolactam	11.219	113	128670	43.564	ng	#	84
36) 4-Chloro-3-methylphenol	11.583	107	410458	40.736	ng		97
37) 2-Methylnaphthalene	11.936	142	829305	39.801	ng		96
38) 1-Methylnaphthalene	12.160	142	810759	39.342	ng		98
40) 1,2,4,5-Tetrachloroben...	12.325	216	430251	39.840	ng	#	97
41) Hexachlorocyclopentadiene	12.313	237	238240	42.007	ng		96
43) 2,4,6-Trichlorophenol	12.572	196	312262	41.319	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.648	196	339670	40.670	ng	#	92
46) 1,1'-Biphenyl	12.972	154	1113187	39.434	ng		99
47) 2-Chloronaphthalene	13.007	162	860069	39.685	ng		99
48) 2-Nitroaniline	13.225	65	282510	44.364	ng	#	81
49) Acenaphthylene	13.866	152	1400949	40.289	ng		99
50) Dimethylphthalate	13.613	163	1145088	40.287	ng		99
51) 2,6-Dinitrotoluene	13.724	165	246351	42.405	ng	#	67
52) Acenaphthene	14.213	154	827889	39.969	ng		98
53) 3-Nitroaniline	14.060	138	272483	43.097	ng		89
54) 2,4-Dinitrophenol	14.260	184	160513	42.640	ng	#	69
55) Dibenzofuran	14.548	168	1365504	39.269	ng		95
56) 4-Nitrophenol	14.389	139	219575	42.620	ng	#	72
57) 2,4-Dinitrotoluene	14.519	165	341290	43.367	ng	#	63
58) Fluorene	15.195	166	1049788	40.269	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.783	232	305695	40.830	ng	#	85
60) Diethylphthalate	14.983	149	1175061	41.241	ng		97
61) 4-Chlorophenyl-phenyle...	15.189	204	533070	38.676	ng		96
62) 4-Nitroaniline	15.230	138	291914	43.922	ng	#	74
63) Azobenzene	15.483	77	1130978	41.488	ng		87
65) 4,6-Dinitro-2-methylph...	15.289	198	228564	43.638	ng	#	76
66) n-Nitrosodiphenylamine	15.413	169	962723	39.524	ng		98
67) 4-Bromophenyl-phenylether	16.083	248	339495	39.758	ng		92
68) Hexachlorobenzene	16.213	284	368416	39.364	ng	#	86
69) Atrazine	16.365	200	338396	41.380	ng		96
70) Pentachlorophenol	16.554	266	254188	43.401	ng		99
71) Phenanthrene	16.924	178	1724870	39.150	ng		100
72) Anthracene	17.012	178	1712758	39.387	ng		99
73) Carbazole	17.289	167	1728173	39.880	ng		98
74) Di-n-butylphthalate	17.848	149	2042283	42.976	ng	#	98
75) Fluoranthene	18.942	202	2011666	39.798	ng		97
77) Benzidine	19.130	184	868356	40.232	ng		99
78) Pyrene	19.306	202	2065920	39.154	ng		99
80) Butylbenzylphthalate	20.206	149	945468	44.581	ng		94
81) Benzo(a)anthracene	21.053	228	1976237	39.330	ng		99
82) 3,3'-Dichlorobenzidine	20.995	252	650030	41.206	ng		99
83) Chrysene	21.106	228	1916964	38.833	ng		100
84) Bis(2-ethylhexyl)phtha...	20.983	149	1257475	44.450	ng		96
85) Di-n-octyl phthalate	21.824	149	2281040	45.212	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.259	276	2003232	39.966	ng		97
88) Benzo(b)fluoranthene	22.559	252	1936018	39.208	ng		99
89) Benzo(k)fluoranthene	22.600	252	1870526	38.862	ng		99
90) Benzo(a)pyrene	23.089	252	1616332	39.618	ng		99
91) Dibenzo(a,h)anthracene	25.265	278	1665425	39.901	ng	#	97
92) Benzo(g,h,i)perylene	25.900	276	1678042	40.420	ng		96

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

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